ACHARYA INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi,
Recognized by Govt. of Karnataka and Accredited by NBA
(AE, BT, CSE, ECE, ME, MT)

सत्यमेव जयते
GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

MSME Nodal Center

List of Details	
1.	Preamble
2.	Registration Copy
3.	Committee Formation
4.	Roles & Responsibility
5.	Proposal Submission Details
6.	Sanctioned Project Details
7.	Event Reports on Awareness Programme, Workshop, Hackathon

ACHARYA INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi,
Recognized by Govt. of Karnataka and Accredited by NBA
(AE, BT, CSE, ECE, ME, MT)

सत्यमेव जयते
GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

MSME Nodal Center

Preamble, Registration Copy & Selection Committee

Acharya Institute of Technology- MSME (Micro, Small & Medium Enterprises) Cell

Preamble:

The MSME Cell at Acharya Institute of Technology aims to foster an entrepreneurial spirit among students, faculty, and the local community by creating opportunities for interaction with the MSME sector. As a bridge between academia and industry, the MSME Cell focuses on supporting the growth and development of small businesses and startups through innovation, skill-building, and industry collaboration.

Functions and Objectives:

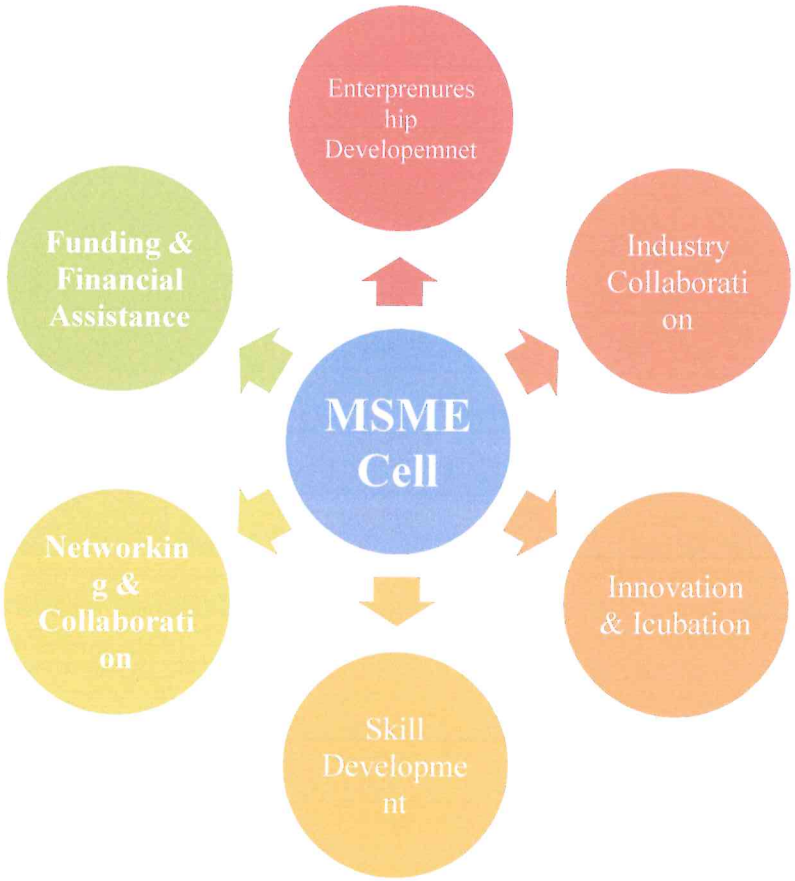


Figure: MSME Cell Functions

1. Entrepreneurship Development: The MSME Cell promotes entrepreneurship through training programs, workshops, and mentor-ship initiatives. It aims to nurture startups and budding entrepreneurs by providing them with the skills and knowledge needed to thrive in the MSME ecosystem.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

2. Industry Collaboration: The MSME Cell works closely with industries, government bodies, and business incubators to provide access to funding, networking, and market opportunities for small businesses and innovators within the institution.

3. MSME Cell encourages students and faculty to create sustainable business models. It provides incubation support, including access to resources, expert mentorship, and commercialization strategies.

4. The Cell organizes skill development programs to equip students with the necessary business and technical skills. Training workshops are aimed at enhancing entrepreneurial capabilities, with a focus on innovation, financial management, marketing, and scaling up businesses.

5. By facilitating interactions with MSMEs, startups, financial institutions, and industry experts, the Cell provides valuable networking opportunities for aspiring entrepreneurs.

6. Funding and Financial Assistance: The MSME Cell assists in identifying potential funding sources and financial assistance programs available for small enterprises, startups, and student-led projects. It may guide entrepreneurs in applying for government grants, loans, and subsidies aimed at supporting MSMEs.

7. Events and Competitions: The MSME Cell organizes events such as hackathons, business plan competitions, and pitch fests, offering students a platform to showcase their entrepreneurial ideas and receive valuable feedback from industry professionals.

8. Support for Women and Social Entrepreneurs: Special focus is given to supporting women entrepreneurs and those involved in social enterprises, promoting inclusivity and sustainable business practices.

MSME Cell Initiatives:

1. Startup Incubation Programs: Programs to nurture and support startups from ideation to execution.
2. Industry Collaboration: Collaboration with industries and MSME bodies for internship opportunities, joint research projects, industrial visit with MSME Cluster and commercialization of innovations.
3. Workshops and Seminars: Regular workshops on topics such as business planning, fundraising, innovation management, and entrepreneurship.

The MSME Cell at Acharya Institute of Technology plays a pivotal role in bridging the gap between education and industry by supporting and nurturing entrepreneurship and innovation.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Through its various initiatives, it empowers students and faculty to take bold steps in creating successful events such as Women Idea Hackathon3.0, Technoutsava etc; that contribute to the nurture the potential of idea submitted..

Supporting Proof:

1. Application Letter to form MSME Nodal Center
2. Sanctioned Letter from MSME
3. Committee Formation
4. Roles & Responsibility
5. Proposal Submission Details
6. Sanctioned Project
7. Sample report of Event Conducted.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Acharya Institutes email

PAKKIRAPPA H <pakkirappa@acharya.ac.in>

MyMsme Incubation

4 messages

mymsme.msme.gov.in <helpline-msme@gov.in> Sat, Mar 23, 2019 at 12:09 PM
To: pakkirappa@acharya.ac.in

Dear ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU,

Your HI Application submitted successfully. Please find below information:

Application Reference No. (Temporary): **TEMP/HI/771**

Institute Name **Acharya Institute of Technology, Bengaluru**

Head Name **Dr. Prakash M R**

State : **KARNATAKA**

--
Regards,
Administrator,
Incubation online application

This is an automated message, Do not reply.

PAKKIRAPPA H <pakkirappa@acharya.ac.in> Sat, Mar 23, 2019 at 12:30 PM
To: principalait acharya <principalait@acharya.ac.in>, "C.B.M. Bhooshan" <cbm.bhooshan@acharya.ac.in>

Dear sir

Please find the MSME incubator application submitted status.

Yours sincerely
Pakkirappa H
[Quoted text hidden]
--
Pakkirappa.H
Associate Professor
Department of Mechanical Engineering
Acharya Institute of Technology
Bengaluru-560 107

GSM:+91 9448615407

PAKKIRAPPA H <pakkirappa@acharya.ac.in> Sat, Mar 23, 2019 at 12:32 PM
To: cd@acharya.ac.in

[Quoted text hidden]

Campus Director <cd@acharya.ac.in> Mon, Mar 25, 2019 at 10:43 PM
To: PAKKIRAPPA H <pakkirappa@acharya.ac.in>

All the best...
[Quoted text hidden]

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

--

--

Dr. Divakar Goli
Editor - IJPS
Campus Director

Acharya Institutes
Soldevanahalli, BANGALORE-560107
INDIA
phone: 0091-**9341960799**

Description: http://www.acharya.ac.in/nice2010/2010_Acharya_Institute_Logo.jpg
www.acharya.ac.in

Inspiring the Millennial Leaders

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Acharya Institutes email

PAKKIRAPPA H <pakkirappa@acharya.ac.in>

Fwd: Reference HI/BI Registration Number : HIBIKR000489

5 messages

Principalait Acharya <principalait@acharya.ac.in> Sat, Jan 11, 2020 at 9:44 AM
To: pakkirappa@acharya.ac.in
Cc: renuka devi <renukadevi@acharya.ac.in>

Dear Sir,

FYI

Regards,

Dr. Prakash M R
Principal,
Acharya Institute of Technology,
Acharya Dr. Sarvepalli Radhakrishnan road,
Soldevanahalli, Bangalore - 560 107.

Ph: 080-28396011, Extn: 2101,
Mobile: 9448864740
Alternate email: prakash@acharya.ac.in

---------- Forwarded message ---------
From: **MSME Incubation Scheme** <helpline-msme@gov.in>
Date: Fri, Jan 10, 2020 at 4:54 PM
Subject: Reference HI/BI Registration Number : HIBIKR000489
To: <principalait@acharya.ac.in>

Dear **Dr.PRAKASH M R**,

Your HI/BI Registration Number is : **HIBIKR000489**

Institute Name:- **ACHARYA INSTITUTE OF TECHNOLOGY**

Host institute approved in principle. It has been decided that no money for Grant for Plant Machinery shall be released to any Host institute till at least 2 ideas are approved for that HI.

Ideas needs to be submitted with the following information within 15 days hereof:

Sr No.	Ideas needs
1	Background for getting the idea? a. Who is it for? b. What will it do? c. Which are the potential markets? d. Any unique features? Explain? e. Is there enough demand? f. Can customers afford it? g. Why will they buy it? h. What is your motivation for doing it? (Statement of Purpose)
2	Is it a new concept? a. If no, what kind of competition is existing? What are they offering? How is your product/ service going to be different/ unique? b. If yes, how can you stop competitors from introducing similar offerings?

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

3	How are you going to sell your product or service to potential customers?
4	How frequently will customers make "repeat purchases" of your product or service?
5	How simple or complex will the idea's execution or implementation be? What are the risk factors involved in executing the idea?
6	How soon could the idea be put into operation?
7	What is the break-even point and estimated time-frame? Having deducted your costs what "margin" can you make on your product or service?
8	a. How much investment would you need to commercialise the idea. b. What seed funding support would you want from the Incubator? c. How will you raise the balance funding required ? d. What is the other support apart from financial you will need from the incubator ?
9	a. Why are you the best suited person to execute this idea? b. Please share the capabilities of you/ your team in finance, sales, marketing, operations and technical knowledge?
10	How do you intend to protect your idea (i.e. your intellectual property or IP)?

Please explain the detailed economics, funding requirement expenses income plan over the next 5 years after start
Please attach the Product/ service documentation.

Regards,
Administrator,
Incubation online application

This email is generated automatically from MIS Data base do not reply

---

PAKKIRAPPA H <pakkirappa@acharya.ac.in> Tue, Mar 17, 2020 at 11:57 AM
To: madhusudhan@acharya.ac.in

Dear sir

Please find the copy of mail regarding the approval of Acharya Technology Business Incubator MSME.

With regards
Pakkirappa H

[Quoted text hidden]

--
Pakkirappa.H
Associate Professor
Department of Mechanical Engineering
Acharya Institute of Technology
Bengaluru-560 107

GSM:+91 9448615407

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

PAKKIRAPPA H <pakkirappa@acharya.ac.in> Tue, Jun 9, 2020 at 2:03 PM
To: principalait acharya <principalait@acharya.ac.in>, hod mech <hod-mech@acharya.ac.in>

Dear sir

This may be useful for LIC visit as our AIT is approved center of MSME as Business Incubator

With regards

① (a) Application letter – MSME centre.

Reference No. :- **HIBIKR000489**

2019

① (b) submission Details.

1. Details of Institution/Agency

Institute Name	ACHARYA INSTITUTE OF TECHNOLOGY	**Name of the Dean / Principal / Head of the Institute**	Dr.PRAKASH M R
Address of Institution	ACHARYA INSTITUTE OF TECHNOLOGY, Dr. SARVEPALLI RADHAKRISHNAN ROAD, SOLDEVANAHALLI ACHIT NAGAR POST BENGALURU-560107		
State Name	KARNATAKA	**District Name**	BENGALURU (URBAN)
Pin code	560107	**Mobile No. +91**	9448864740
Tel No. with STD code	08022555555	**Email Id**	principalait[at]acharya[dot]ac[dot]in
2. Category of the Host Institute	Technical College		

3. About the Institution

Date of establishment	04/09/2000	**Number of teaching staff**	278
Total no. of student	4666	**Number of academic courses offered**	21

Details of registration/affiliation/accreditation

i) University affiliation	View/Download	**ii) AICTE approval**	View/Download
iii) NABL/ other accreditation	View/Download	**iv) Any other**	View/Download
Last two years audited annual accounts with auditor's report	View/Download	**Number of students enrolled during last two years**	1410

4. Details of existing/proposed Business Incubator:

Already having Business Incubator Center		No	
Name of person in charge of BI	PAKKIRAPPA H	**Designation of person in charge of BI**	ASSOCIATE PROFESSOR
Email ID	pakkirappa[at]acharya[dot]ac[dot]in	**Mobile No. +91**	9448615407
Area of BI in Sq. ft.(Total area)	5000	**Area of BI in Sq. ft. (buildup area)**	4500

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Details of ongoing innovative activities being undertaking by the Institution.	Research and Development activity file is attached. Ongoing work on Biogas plant using hostel waste for power generation for kitchen. Utility vehicles for agricultural applications, Converting plant and birds throw away waste into engineering products.

5. Industrial R&D / consultancy undertaken, if any, during previous two years(submit the certificate of completion of project from the client)	View/Download	**6. Details of entrepreneurship development related activities undertaken during last two years, if any (submit proof of completion of activities)**	View/Download

7. Details of any assistance taken from any of the schemes of this Ministry:

8.

Implementing Agency	MSME-DI Bangalore

Application Remarks

Action	Date	Status	Remark
PMAC	07/Mar/2022 09:20:34 PM	Approved By PAMC	Approved to continue as Host Institute(HI) for implementation of the Incubation component under MSME Innovative Scheme (MSME Champion scheme) in the Meeting of Ist PMAC held on 21/02/2022 at New Delhi subject to Agency registration and Bank account in the same name of HI on PFMS Portal. View/Download
PMAC	05/Jan/2020 05:49:3 PM	Approved By PAMC	Host institute approved in principle. It has been decided that no money for Grant for Plant and Machinery shall be released to any Host institute till at least 2 ideas are approved for that HI. Ideas needs to be submitted with the following information within 15 days hereof: --What is the problem you are solving, please describe? --Explain the solution proposed? -- Describe the product/service ? Identify the sector to which the product/services relates to ? -- What is the unique/innovative /competitive aspect of the product/service --Please let us know, the market target customers positioning of the product. -- Please explain the business plan from seeding, development to commercialization -- Background of the person who all are part of the team working on the project --Please explain the detailed economics, funding requirement expenses income plan over the next 5 years after start Please attach the Product/ service documentation. View/Download
NMIU	05/Jan/2020 11:08:8 AM	Forwarded By PMU	Recommended View/Download
MSME-DI Bangalore	23/Dec/2019 06:19:15 PM	Forwarded By IA	Acharya Institute Of Technology, Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli Achit Nagar Post , Bengaluru-560107 has submitted the details of 2 Year Balance Sheet, AICTE Approval and University Affiliation details. The Proposal is forwarded to NMIU for further necessary action.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Dr.PRAKASH M R	11/Oct/2019 01:58:43 PM	Clarification sent by HI/BI	Balance sheet, research activities and entrepreneurship activities held in the last two years is uploaded. it is observed from the proposal that Last two years audited annual accounts with auditors report,industrial RD / consultancy undertaken during previous two years,if any,entrepreneurship development related activities undertaken during last two years if any was not submitted, The Institution may upload the said details
MSME-DI Bangalore	23/Sep/2019 12:07:13 PM	Clarification Asked by IA	it is observed from the proposal that Last two years audited annual accounts with auditor's report,industrial R&D / consultancy undertaken during previous two years,if any,entrepreneurship development related activities undertaken during last two years if any was not submitted, The Institution may upload the said details

Declaration

I have read the scheme guidelines and shall abide by all the terms and conditions required for seeking financial assistance. I hereby, declare that information given above is true to the best of my knowledge. Any information /documents that may be required to be verified shall be provided immediately before the concerned authority. I hereby, declare that I have not availed any financial assistance for the said purpose under any other scheme from any government agency.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

(2) MSME - Approval Copy 2020. (1) A

Acharya Institutes email

PAKKIRAPPA H <pakkirappa@acharya.ac.in>

Received - 2022.

Fwd: Reference HI/BI Registration Number : HIBIKR000489

5 messages

Principalait Acharya <principalait@acharya.ac.in> Sat, Jan 11, 2020 at 9:44 AM
To: pakkirappa@acharya.ac.in
Cc: renuka devi <renukadevi@acharya.ac.in>

Dear Sir,

FYI

Regards,

Dr. Prakash M R
Principal,
Acharya Institute of Technology,
Acharya Dr. Sarvepalli Radhakrishnan road,
Soldevanahalli, Bangalore - 560 107.

Ph: 080-28396011, Extn: 2101,
Mobile: 9448864740
Alternate email: prakash@acharya.ac.in

---------- Forwarded message ---------
From: **MSME Incubation Scheme** <helpline-msme@gov.in>
Date: Fri, Jan 10, 2020 at 4:54 PM
Subject: Reference HI/BI Registration Number : HIBIKR000489
To: <principalait@acharya.ac.in>

Dear **Dr.PRAKASH M R**,

Your HI/BI Registration Number is : **HIBIKR000489**

Institute Name:- **ACHARYA INSTITUTE OF TECHNOLOGY**

Host institute approved in principle. It has been decided that no money for Grant for Plant Machinery shall be released to any Host institute till at least 2 ideas are approved for that HI.

Ideas needs to be submitted with the following information within 15 days hereof:

Sr No.	Ideas needs
1	Background for getting the idea? a. Who is it for? b. What will it do? c. Which are the potential markets? d. Any unique features? Explain? e. Is there enough demand? f. Can customers afford it? g. Why will they buy it? h. What is your motivation for doing it? (Statement of Purpose)
2	Is it a new concept? a. If no, what kind of competition is existing? What are they offering? How is your product/ service going to be different/ unique? b. If yes, how can you stop competitors from introducing similar offerings?

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

3	How are you going to sell your product or service to potential customers?
4	How frequently will customers make "repeat purchases" of your product or service?
5	How simple or complex will the idea's execution or implementation be? What are the risk factors involved in executing the idea?
6	How soon could the idea be put into operation?
7	What is the break-even point and estimated time-frame? Having deducted your costs what "margin" can you make on your product or service?
8	a. How much investment would you need to commercialise the idea. b. What seed funding support would you want from the Incubator? c. How will you raise the balance funding required ? d. What is the other support apart from financial you will need from the incubator ?
9	a. Why are you the best suited person to execute this idea? b. Please share the capabilities of you/ your team in finance, sales, marketing, operations and technical knowledge?
10	How do you intend to protect your idea (i.e. your intellectual property or IP)?

Please explain the detailed economics, funding requirement expenses income plan over the next 5 years after start
Please attach the Product/ service documentation.

Regards,
Administrator,
Incubation online application

This email is geceratad automatically from MIS Data base do not reply

---

PAKKIRAPPA H <pakkirappa@acharya.ac.in> Tue, Mar 17, 2020 at 11:57 AM
To: madhusudhan@acharya.ac.in

Dear sir

Please find the copy of mail regarding the approval of Acharya Technology Business Incubator MSME.

With regards
Pakkirappa H

[Quoted text hidden]
--
Pakkirappa.H
Associate Professor
Department of Mechanical Engineering
Acharya Institute of Technology
Bengaluru-560 107

GSM:+91 9448615407

PAKKIRAPPA H <pakkirappa@acharya.ac.in> Tue, Jun 9, 2020 at 2:03 PM
To: principalait acharya <principalait@acharya.ac.in>, hod mech <hod-mech@acharya.ac.in>

Dear sir

This may be useful for LIC visit as our AIT is approved center of MSME as Business Incubator

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

With regards

Dr. Pakkirappa H
Head , AITHIBI
[Quoted text hidden]

PAKKIRAPPA H <pakkirappa@acharya.ac.in> Mon, Jun 15, 2020 at 3:15 PM
To: principalait acharya <principalait@acharya.ac.in>

[Quoted text hidden]

PAKKIRAPPA H <pakkirappa@acharya.ac.in> Tue, Mar 22, 2022 at 1:55 PM
To: PAKKIRAPPA H <pakkirappa@acharya.ac.in>

[Quoted text hidden]
--
Dr. Pakkirappa.H
[Quoted text hidden]

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

(Selection Committee - MSME).

& function.

Acharya Institutes email

PAKKIRAPPA H <pakkirappa@acharya.ac.in>

SUB: CONSITUTION OF IDEA SELECTION COMMITTEE- REG.

1 message

CHAITHRA B <chaithrab@acharya.ac.in> Mon, Aug 22, 2022 at 11:37 AM
To: pakkirappa@acharya.ac.in

OFFICE ORDER

SUB: CONSTITUTION OF IDEA SELECTION COMMITTEE - REG.

The Idea selection committee of the incubator Institution is constituted with the following compositions. This order is effective form 01.04.2022 and until further orders.

S.N.	NAME	DESIGNATION & DEPARTMENT	ROLE
1	Dr. Rajath Hegde M M	Principal	Chairman
2	Prof. C K Marigowda	Vice Principal	Member
3	Dr. Pakkirappa H	Associate Professor Dept. of Mechanical Engineering	Member Secretary
4	Mr. G R Akadas	Director, IEDS MSME	Member
5	Mr. Shahsikumar M	Joined Director, IEDS MSME	Member
6	Mr. Shivakumar A	Assistant Director, MSME	Member
7	Dr. C Siddaraju	Chairman Institute of Indian Foundrymen Bengaluru Chapter	Member
8	Mr. Roopesh Manohar	Founder SNR Ploy films Byraveshwara Ind Est, Bengaluru	Member
9	Smt. Sheetal Surya Prakash	Founder INKWVENTIA JUDICIUL IPR, J P Nagar,	Member

FUNCTIONS:

- To select ideas submitted to the incubation cell from various entrepreneurs
- To find the novelty and newness of the idea feasible for funding
- To check the possible patenting of the submitted idea
- To segregate the ideas into various sectors for uploading for funding
- To suggest preparation of presentation, DPR and prototype development
- To evaluate and mentoring of the ideas

TERM:

- Three years and shall continue until further reconstitution.

MEETING FREQUENCY :

- Twice in a year and scheduled as and when required.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

With Regards,
Chaithra.B
Admin Department
Acharya Institute of Technology
Extn: 1117

ACHARYA INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi,
Recognized by Govt. of Karnataka and Accredited by NBA
(AE, BT, CSE, ECE, ME, MT)

सत्यमेव जयते
GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

MSME Nodal Center

MSME Idea Hackathon 2022
Selection Committee
Proposal Received
Submission of the Proposal
Selected Proposal-2022

Acharya Institute of Technology

AIT- MSME Technology Business Incubator

MINUTES OF THE IDEAS SELECTION COMMITTEE MEETING HELD ON 04/04/2022

Offline Meeting No: 1/21-22

Venue: AIT, Principal Chamber

DATE/**Time: 04/04/22** 10:30 AM– 14.00 PM

Head, AIT- MSME TBI and committee members discussed the following:

Meeting Agenda	Minutes of the meeting
Idea selection Procedures	The following points were discussed in the meeting 1. Dr. Rajath Hegde M M Principal , AIT welcomed the committee members 2. Prof. Marigowda C Vice-Principal , AIT briefed about the Acharya Incubation Center. 3. Dr. Pakkirappa H Head AIT- MSME TBI briefed about the MSME idea hackathon 2022 to the members. All the members discussed about the ideas submitted to the AIT Incubation Center for uploading in the portal which are realistic and useful to the society. Different sector ideas were screened and finalized in the meeting. The following panel of experts scrutinized about 21 ideas and suggested / selected few among them to represent our incubation center so that they could possibly obtain MSME funding to be incubated by AIT – MSME incubation center. Further, committee members concluded to include the patentable and marketable industry-oriented ideas in the future. **Committee Members** **Signature's** 1. Dr. Rajath Hegde 4/4/22 2. Prof. Marigowda C 4/4/22 3. Dr Maneesh Paul S 4/4/22 4. Dr. Pakkirappa H 5. Dr. C Siddaraju 4/4/22 6. Mr. Roopesh Manohar 4/4/22. 7. Mrs. Sheethal Suryaprakash 4/4/22

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

ACHARYA INSTITUTE OF TECHNOLOGY
Dr. SARVEPALLI RADHAKRISHNAN MARG
Soldevanahalli, Bangalore-560 107

Selection Committee for Project Submission

Dr. Pakkirappa H, Head AIT- MSME TBI thanked all the members of the committee and concluded the meeting.

04/01/2022

Head, AIT-MSME TBI
ACHARYA INSTITUTE OF TECHNOLOGY
Dr SARVEPALLI RADHAKRISHNAN MARG,
Soldevanahalli Bangalore-560 107

March 2022
Received Proposals

Government of India
Ministry of Micro, Small & Medium Enterprises

Incubation

Back

Show 50 entries

Search:

S.No.	Reference No.	Name	State	Submitted Date	Status	View
1	INC22AKR003476	SPURTHI P	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=3476)
2	INC22AKR004761	CHETHAN K	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=4761)
3	INC22AKR003940	RAKSHIT M GUDDARADDI	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=3940)
4	INC22AKR003670	Yashas Kumar Singh B	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=3670)
5	INC22AKR002759	LEKHANA SATHEESHA	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=2759)
6	INC22AKR004197	Balakrishna S Naik	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=4197)
7	INC22AKR003938	Uday Hiremath	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=3938)
8	INC22AKR002661	Rishab M Neelagund	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=2661)
9	INC22AKR003472	Rao Rakshith Umesh	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=3472)
10	INC22AKR003221	Nijaguna G	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=3221)

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

S.No.	Reference No.	Name	State	Submitted Date	Status	View
11	INC22AKR002373	Mithun Ambalal Shah	KARNATAKA	24/03/2022	Approved By PMAC	Detail (ViewHackathonAppDetails.aspx HAKID=2373)
12	INC22AKR000733	A Kiran Raj	KARNATAKA	22/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=733)
13	INC22AKR003541	Shivayogi angadi	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=3541)
14	INC22AKR004943	NARESH R	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=4943)
15	INC22AKR003567	Parameshwara S	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=3567)
16	INC22AKR002813	Krishnaraju R	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=2813)
17	INC22AKR000941	Rishav Kumar	KARNATAKA	22/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=941)
18	INC22AKR002011	KISHAN S	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=2011)
19	INC22AKR002497	SHREYA KUMARI	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=2497)
20	INC22AKR004713	Tanush B D	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=4713)
21	INC22AKR003554	BASANI HEMANTH REDDY	KARNATAKA	24/03/2022	This Idea not selected	Detail (ViewHackathonAppDetails.aspx HAKID=3554)

Showing 1 to 21 of 21 entries

Previous 1 Next

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

March 2022 submission List. - 08.

Government of India
Ministry of Micro, Small & Medium Enterprises

Incubation

Back

Show 10 entries

Search:

S.No.	Incubatee name	State	District	Submitted Date	Status	View
1	LEKHANA SATHEESHA	KARNATAKA	BENGALURU (URBAN)	11/04/2022	This Idea not selected	Detail (HackathonIdeaPrint.aspx?AppID=5229&Tpage=ALL)
2	Mithun Ambalal Shah	KARNATAKA	BENGALURU (URBAN)	10/04/2022	Approved By PMAC	Detail (HackathonIdeaPrint.aspx?AppID=4381&Tpage=ALL)
3	Parameshwara S	KARNATAKA	SHIVAMOGGA	10/04/2022	This Idea not selected	Detail (HackathonIdeaPrint.aspx?AppID=4655&Tpage=ALL)
4	KISHAN S	KARNATAKA	BENGALURU (URBAN)	10/04/2022	This Idea not selected	Detail (HackathonIdeaPrint.aspx?AppID=4753&Tpage=ALL)
5	THANUSH B D	KARNATAKA	BENGALURU (URBAN)	10/04/2022	This Idea not selected	Detail (HackathonIdeaPrint.aspx?AppID=5192&Tpage=ALL)
6	A Kiran Raj	KARNATAKA	BENGALURU (URBAN)	10/04/2022	This Idea not selected	Detail (HackathonIdeaPrint.aspx?AppID=4386&Tpage=ALL)
7	Spurthi P	KARNATAKA	BENGALURU (URBAN)	10/04/2022	This Idea not selected	Detail (HackathonIdeaPrint.aspx?AppID=4570&Tpage=ALL)
8	YASHAS KUMAR SINGH B	KARNATAKA	BENGALURU (URBAN)	10/04/2022	This Idea not selected	Detail (HackathonIdeaPrint.aspx?AppID=4989&Tpage=ALL)

Showing 1 to 8 of 8 entries

Previous 1 Next

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Selected (07)
March 2022

Government of India
Ministry of Micro, Small & Medium Enterprises

Incubation

Back

Reference No. :- **IDEAKR004381**

1. Details of Incubatee:

1.1 Details of the Host Institute (HI)	ACHARYA INSTITUTE OF TECHNOLOGY , ACHARYA INSTITUTE OF TECHNOLOGY, Dr. SARVEPALLI RADHAKRISHNAN ROAD, SOLDEVANAHALLI ACHIT NAGAR POST BENGALURU-560107 , 08022555555 , principalait@acharya.ac.in , 9448864740	**1.2 Name of the Business Incubator (BI)**	PAKKIRAPPA H , ASSOCIATE PROFESSOR , pakkirappa@acharya.ac.in , 9448615407
1.3 Category of the Incubatee	Entrepreneurs/MSME	**1.4 Incubatee Name**	Mithun Ambalal Shah
1.5 State	KARNATAKA	**1.6 District**	BENGALURU (URBAN)
1.7 Email Id	mithun.shah@anabio.in	**1.8 Mobile Number**	9442954144
1.9 Category	General	**1.10 Gender**	Male
1.11 Address	Flat No:- EGF-6, Building:- Bangalore Bio-innovation Center, Road/Street:- Electronic City, Phase-1, Village/Town:- ,, Block:- Helix Biotech Park, City:- Bengaluru		

2. Details of Idea:

2.1 Title of proposed idea/innovation	Flushable and Biodegradable Sanitary pads	**2.2 Whether the idea involves use of existing intellectual property or not, give brief detail there of**	NOVEL IDEA IS UNDER PATENTING. PATENT SUBMISSION IS UNDER PROGRESS

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

2.3 Briefly explain newness/uniqueness of the innovation	The current process of disposal of the pad requires, wrapping and trashing (by women user), collection-segregation (by sanitation employees and finally landfill/incineration (by waste management employees. In this entire chain, none of the people involved want to deal with this waste stream. None of them. Plus, due to the hazardous nature of used pads and the social stigma, the dignity of the user and sanitation employee is impacted when handling this stream of waste. To make matters worse, our nations does not have the infrastructure to handle this hazardous waste stream. Hence 25 billion sanitary pads annually 80 of the pads used annually are discarded incorrectly and not processed. We are developing a first of its kind unique sanitary pad that will be Flushable and biodegradable sanitary pad that dissolves and disintegrates in pit latrines, flush toilets and flushless toilets. Unlike regular pads, our pads, our pads will not clog the plumbing lines. We are the only company that provides such a unique offering that is designed to dissolve and disintegrate. This innovation will prevent pollution of our land and water bodies, decrease the spread of pathogens, and eliminate the need for sanitary waste segregation and better menstrual health and hygiene. This is a novel design and we seek your assistance in bringing this innovation to life.	**2.4 Concept & Objective**	Concept: We are building an innovative sanitary pad that will dissolve and disintegrate in water in 30 secs and then biodegrades along with other human waste in existing sewage systems. Unlike regular pads, our pads will not clog the plumbing lines. Our pads will be stable while in use and yet easily break up when flushed. Our innovation that will eliminate the need for ALL of the below steps: I.9Extra wrapper to wrap the used pad II.9Plastic bags/newspaper to hide wrapped pads III.9The process of trashing the pads in a dustbin IV.9Collection of this waste by sanitation employees and then dumping in a landfill V.9Elimination of incinerators (Capital intensive) This technology is built in house and using a proprietary formulation of water-soluble polymers and cellulosic materials. We are building techniques that allow our pad to absorb fluids and yet on a trigger dissolve and disintegrate. Its a win for the user, win for the government and a win for the environment. Objective: Our innovation will address the challenge around disposability of pads, equipment required to handle this hazardous waste and people effort (sanitation employees) required to process this waste stream. Our innovation will solve these problems, without the need for capital/infrastructure expenses. Our design will be the solution.
2.5 Specify the potential areas of application in industry/market in brief	Our technology can be applied to making unique flushable sanitary pads and focus on the feminine hygiene market in India. Post launch we plan to utilize the same technology for baby and adult diapers. Our technology can be extended to disposable packaging as well.	**2.6 Briefly provide the market data for the potential idea/ innovation**	Market Size: 350 million menstruating women (India only) We plan to charge customers Rs 1200/year 16/year. Market Size: With 350 million menstruating women in India (globally 2 Billion) 16*350 mm 5.6 Billion We plan to get a 10 market share 16 * 35 million women 560 million. Once we establish a relationship with our customers, we should be able to cross-sell advertisements and/or higher value goods. This will quickly increase net sales and we plan to be at 100/per customer/year in sales 100* 35 million women 3.5 Billion (just India at 10 market share) When we expand globally the numbers will grow exponentially.

Particular/Item	Total idea project cost (Rs. In lakh)	Amount GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)
Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material , testing/Calibration charges, other charges essential for development of idea **Max (10.00) lakh.**	10.000	8.500	1.500
Charges for mentor/handholding supporting team **Max (3.00) lakh.**	3.000	2.550	0.450
Travelling Expenses or any other item not coverd as above may be allowed as per need for development of the idea **Max (2.00) lakh.**	2.000	1.700	0.300
Total	15.000	12.750	2.250

Uploaded Proposal	View/Download
Uploaded Minutes of the Selection Committee	View/Download
Uploaded Name and signature of the BI incharge	View/Download

Application Remarks

Action	Date	Status	Remark
PMAC	23/Jul/2022 07:59:2 PM	Approved By PMAC	The financial sanction is as approved by the committee in the 2nd PMAC meeting. Check your mail and do the needful as instructed on priority basis. This maybe treated as most urgent. View/Download

I declare that:

1. **I have read the entire scheme guidelines and shall abide by all the requirements stipulated therein for seeking financial assistance.**
2. **I hereby declare that information given above is true to the best of my Knowledge and that I have not withheld/distorted any material fact.**
3. **Any information/ documents that may be required to be verified shall be provided immediately before the concerned authority.**
4. **I hereby declare that I have not availed any financial assistance for this purpose from any other scheme from any Central/ State govt. agency.**
5. **In case the Idea is approved, Host Institute would undertake to make facilities available to carry out the development arrange for the submission of periodic progress reports and other information that may be required by the Ministry.**
6. **I certify that the accounts of the funds received and spent will be kept and made available on demand, as per scheme guidelines**
7. **I certify that the funds will be used only for Idea development as per activities defined in Scheme Guidelines & no funds out of this grant will be utilized for any other activity/production purposes.**

Print

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

2.7 Name and details of Mentors	Advisor 1. Carlo CEO of HEIQ Textile Finishes I Marketing, Startup, Fund raising expert I Switzerland	**2.8 Experience and Qualification of Mentors**	Carlo Centonze studied Biology and Forest Engineering at the Swiss Federal Institute of Technology E
2.9 Contact Details of Mentors	www.heiq.com infoheiq.com +41 56 250 68 50	**2.10 Current Development Status of innovation**	Currently boot strapping is completed . Design and IPR submission is in progress for this novel Idea. After5 the grant testing and performance evaluation is carried out at the lab and field also. Different category of users feedback and implementation of suggestion if needed will be incorporated.
2.11 Expected time of completion of idea	Expected time of completion is 12 months. work is already started. Testing, certification and customer end application is underway.	**2.12 Idea Sector**	Healthcare & Life sciences, Medical Devices, Pharmaceuticals, Biotech, AYUSH and any related sub-sector

3. Financial requirements:

3.1 Activity-wise break

Particular/Item	Total idea project cost (Rs. In lakh)	Amount GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)
Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material , testing/Calibration charges, other charges essential for development of idea **Max (10.00) lakh.**	10.000	8.500	1.500
Charges for mentor/handholding supporting team **Max (3.00) lakh.**	3.000	2.550	0.450
Travelling Expenses or any other item not coverd as above may be allowed as per need for development of the idea **Max (2.00) lakh.**	2.000	1.700	0.300
Total	15.000	12.750	2.250

Approved Activity-wise break

Approved By	Approved Date
PMAC	23/07/2022

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

(3) Approval copy
(73) (March 2022)
(36) Submission Details of the Project

---------- Forwarded message ---------
From: **MSME Innovative Scheme** <helpline-msme@gov.in>
Date: Sat, Jul 23, 2022 at 7:59 PM
Subject: Approval of ideas/ proposals submitted by your Institute under the Incubation Component of MSME Innovative Scheme(Incubation, Design & IPR) of MSME Champion Scheme for GoI assistance-reg.
To: <principalait@acharya.ac.in>

विकास आयुक्त का कार्यालय
(सूक्ष्म, लघु एवं मध्यम उद्यम)
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
(भारत सरकार)

निर्माण भवन, सातवीं मंजिल, मौलाना आजाद रोड,
नई दिल्ली-110 108

OFFICE OF THE DEVELOPM
(MICRO, SMALL & MEDIU
MINISTRY OF MICRO, SMALL &
GOVERNMENT O
Nirman Bhawan, 7th Floor, M
New Delhi-110

Ph. EPAX-23063800, 23063802, 23063803, 23063804, 23063805 & 2306

File No. : 17(2)/ MSME Innovative/PMAC/2021-22

Date : 23-07-2022

To,
ACHARYA INSTITUTE OF TECHNOLOGY

Subject: Approval of ideas/ proposals submitted by your Institute under the Incubation Component of MSME Innovative Scheme(Incubation, Design & IPR) of MSME Champion Scheme for GoI assistance-reg..

Sir,

I am directed to inform you that the idea(s) / proposals received from your Institute under the above scheme were considered by the PMAC meeting held on 22/06/2022 The committee has approved this idea(s). The details of approved idea / proposal are as under.

SI. No.	Name of Incubatee and proposed idea of innovation	Project cost	Amount Sanctioned Incubatee as GOI Share (Rs. In lakhs)	Share (Rs. In lakhs)
1	Mithun Ambalal Shah ,	15.000	12.750	2.250

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Flushable and Biodegradable
Sanitary pads

Further, in order to release GoI grant, it is requested to go through instructions/ guidelines on Revised procedure for flow of funds under Central Sector Schemes O.M from M/o Finance, D/o Exp. vide no. 1(18)/PFMS/FCD/202dated 9.03.2022 carefully and nomination of CTTC Bhubaneswar as CNA vide letter dated No, 41(1)/Budget/MSME Champions/2021 dated 27.06.2022 for Model -2 for release of funds to HIs (For details Click here)

1. CTTC Bhubaneswar has opened Saving A/c in SBI for release of fund to HIs as CNA Account. The contact officer of CTTC, Bhubaneswar is Shri Skrout, 9437965670, skrout@cttc.gov.in

2. All HIs have to inform CTTC, Bhubaneswar about the name of SBI Branch and code, where the Sub Agency (SA) account of HI is to be opened.

3. CTTC, Bhubaneswar will integrate it with CNA account through SBI Banks help

4. HI will open new Zero Balance Current A/c in SBI in the branch shared with CTTC, Bhubaneswar and link with the CNA account.

5. HI shall share the mandate form with CTTC, Bhubaneswar and O/o DC (MSME) through email- schand@dcmsme.gov.in with a copy to ramakrishnan.v@gov.in

Yours faithfully,
(V. Ramakrishnan)
Dy. Director

This is an automated message, Do not reply.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

(selected ideas across India)

Annexure-A

List of 257 Ideas approved under Incubation Component of MSME Innovative Scheme

S. No	Institute Name	State	Incubatee Name	Incubatee Category	Title of proposed idea/ innovation	Total project cost (Rs. In lakh)	Amt GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)	Amount to be released as 1st Installment (70% of GoI sanction amount
1	Mahendra Engineering College	Tamil nadu	Sivakumar Ponmalai	Entrepreneurs/MSME	Design and Fabrication of Automatic Poultry Feeder Cum Egg Collector Using AI	**12.000**	**10.200**	**1.800**	**7.140**
2	St.Josephs Institute of Technology	Tamil nadu	Gnana Kousalya C	Start Up /Employed/Others	Passageway Devices of Fishing Vessels	**12.500**	**10.625**	**1.875**	**7.438**
3	Adi Shankara Institute of Engineering And Technologyk	Kerala	Manju Suresh	Start Up /Employed/Others	Asegurar Vida (Low cost egg sorting machine for hatcheries)	**30.000**	**12.750**	**17.250**	**8.925**
4	Hindusthan College of Engineering and Technology	Tamil nadu	Jayanthi S	Entrepreneurs/MSME	Smart Coconut Harvesting Device	**12.500**	**10.625**	**1.875**	**7.438**
5	Kasegaon Education SocietysRajarambapu Institute of Technology	Maharashtra	OmkarMurlidharMirajkar	Student	Advanced poultry raking and manure collection machine	**5.800**	**5.800**	**0.000**	**4.060**
6	International Crops Research Institute for the Semi Arid Tropics	Telangana	Varsha Yogesh Bhole	Entrepreneurs/MSME	AI/ML-based Fruit Quality Evaluation and Shelf-Life Prediction System through Contactless and Non-destructive Approach	**15.000**	**12.750**	**2.250**	**8.925**
7	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Gawande Yogesh Rajendra	Entrepreneurs/MSME	Soybean Reaper Collector	**20.000**	**12.750**	**7.250**	**8.925**
8	karpagam college of engineering	Tamil nadu	Bharanidharan S	Student	Fabrication of Bio-Based Films from Plant	**15.000**	**15.000**	**0.000**	**10.500**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

1. General Manager, Central Tool Room & Training Centre, B-36, Chandaka Industrial Area Bhubaneswar-751024
2. The Drawing & Disbursing Officer, Office of DC (MSME), New Delhi.
3. B&A Section, Office of DC (MSME), Nirman Bhawan, New Delhi.
4. Budget Division, Office of DC (MSME), Nirman Bhavan, New Delhi.
5. Principal Director of Audit, Economic and Service Ministry, AGCR Building, IP Estate, New Delhi.
6. Under Secretary, IFW, Ministry of MSME, Nirman Bhavan, New Delhi.
7. PS to JS (AFI)/ PS to Director (T&P). Ministry of MSME, Udyog Bhawan, New Delhi.
8. SENET Division with the request to upload on DC (MSME) website.
9. All MSME –DFOs
10. Guard File.

(Rakesh Kumar)
Joint Director

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					Mucilages for Food Preservation				
9	KIT College of Engineering, Autonomous, Kolhapur	Maharashtra	Sangram Vikas Patil	Entrepreneurs/MSME	Sugarcane Planting Machine	**14.000**	**11.900**	**2.100**	**8.330**
10	Velammal Institute of Technology	Tamil nadu	Dinesh Kumar Chandhrasekaran	Entrepreneurs/MSME	Long Endurance Battery Operated Agriculture Spray Drone	**12.500**	**10.625**	**1.875**	**7.438**
11	Ramco Institute of Technology	Tamil nadu	Santhana Maruthu Pandian Maruthappan	Start Up /Employed/Others	MUSA-Holder (To protect Banana Trees from heavy winds)	**12.875**	**10.943**	**1.931**	**7.660**
12	Banasthali Vidyapith	Rajasthan	Maitree Bharat Dedhia	Entrepreneurs/MSME	Portable scanning device for non-destructive, early, instant and high precision detection of stem borers in grapes.	**15.000**	**12.750**	**2.250**	**8.925**
13	Koneru Lakshmaiah Education Foundation	Andhra pradesh	Ganduri Venkata Siva Ramakrishna	Start Up /Employed/Others	Agro-industrial residues utilization for economical production of Levan biopolymer	**15.000**	**12.750**	**2.250**	**8.925**
14	Prathyusha Engineering College	Tamil nadu	Krishnamoorthy R	Start Up /Employed/Others	Autonomous Fruit Plucking Drones using Deep learning Techniques	**20.000**	**12.750**	**7.250**	**8.925**
15	ICAR-Central Research Institute for Jute and Allied Fibres	West bengal	PiyaliDey	Student	Development of fire retardant jute fibre by nano-coating	**15.000**	**15.000**	**0.000**	**10.500**
16	Sethu Institute of Technology	Tamil nadu	S Siva RanjaniSankar Ganesh	Start Up /Employed/Others	Automated Bagging Machine for the Oyster Mushroom Cultivation	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

17	Bangalore Bioinnovation Centre	Karnataka	Ganesh Venkatraman Bhat	Entrepreneurs/MSME	Novel Bio-Process Development for the Isolation of Biomolecules from the unexplored Arecanut Wash Liquid	**15.000**	**12.750**	**2.250**	**8.925**
18	Bangalore Bioinnovation Centre	Karnataka	Rama Rao Kotapally	Entrepreneurs/MSME	MYCELIUM BASED BIOMATERIALS AND PACKAGING MATERIALS	**15.000**	**12.750**	**2.250**	**8.925**
19	Sengunthar Engineering College	Tamil nadu	S Lakshmi Priya	Start Up /Employed/Others	Nanowizard - Herbal Nanovesicles Based Bio Fertiliser For Agricultural Applications.	**15.000**	**12.750**	**2.250**	**8.925**
20	Sri Krishna College of Technology	Tamil nadu	Haripriya Pachamuthu	Student	Fish Feeding and Disease Prediction System using Machine Learning	**8.500**	**8.500**	**0.000**	**5.950**
21	Kalasalingam Academy Of Research And Education	Tamil nadu	MurugeswariAnanthakumar	Start Up /Employed/Others	Smart IoT Based Mushroom Cultivation and Edibility Prediction	**15.000**	**12.750**	**2.250**	**8.925**
22	Jerusalem College of Engineering	Tamil nadu	Santhanakrishnan Ramakrishnan	Start Up /Employed/Others	Design and Implementation of ECO friendly GPS based fully automatic seed sowing machine	**15.000**	**12.750**	**2.250**	**8.925**
23	Banasthali Vidyapith	Rajasthan	Saumya Rawat	Entrepreneurs/MSME	Rapid soil testing and fertilizer recommendation powered by AI	**15.000**	**12.750**	**2.250**	**8.925**
24	Visva-Bharati University	West bengal	Piyali Dey	Student	Development of nano-sulphur for controlling yellow mite in different crops	**15.000**	**15.000**	**0.000**	**10.500**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

25	Kuppam Engineering College	Andhra pradesh	J Bhavyasri	Student	GreenDoctor A Reliable Food Toxic detector.	**15.000**	**15.000**	**0.000**	**10.500**
26	St Josephs College of Engineering	Tamil nadu	Sivaranjani G	Student	Saffron cultivation using assorted modern techniques	**8.750**	**8.750**	**0.000**	**6.125**
27	Adhiyamaan College of Engineering	Tamil nadu	M Sonali	Start Up /Employed/Others	Auto Irrigation, Soil Monitoring and Control for Better Crop Yield and Soil Quality	**15.000**	**12.750**	**2.250**	**8.925**
28	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	Tamil nadu	C Subaraj	Start Up /Employed/Others	Sustainable Design and Development of Extraction with Palmyra Palm Pulp System	**7.000**	**5.950**	**1.050**	**4.165**
29	Bangalore Bioinnovation Centre	Karnataka	Surabhi Vasudevan	Start Up /Employed/Others	Bio-degradable Drinking Straws from Agricultural waste	**15.000**	**12.750**	**2.250**	**8.925**
30	Mar Ephraem College of Engineering and Technology	Tamil nadu	Anish John Paul M	Start Up /Employed/Others	Coconut Leaf Midrib Extractor	**15.000**	**12.750**	**2.250**	**8.925**
31	GayatriVidyaParishad College of Engineering	Andhra pradesh	IlahiShaik	Start Up /Employed/Others	Marine Macro algae - a liquid agro bio fertilizer Plant for commercialization.	**12.000**	**10.200**	**1.800**	**7.140**
32	Matrusri Engineering College	Telangana	Shaikhaseena Begum	Student	Seed Planting Robot	**2.500**	**2.500**	**0.000**	**1.750**
33	Bangalore Bioinnovation Centre	Karnataka	Sudha Ramesh Karbari	Entrepreneurs/MSME	ProSOIL- An Onsite Soil Testing Device	**15.000**	**12.750**	**2.250**	**8.925**
34	Kakatiya Institute of Technology And Science, Warangal	Telangana	Bargu Raghu	Student	Design and Fabrication of Reaper And Binder Machine for Leafy Vegetables	**15.000**	**15.000**	**0.000**	**10.500**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

35	Rubber Research Institute of India, Rubber Board, Ministry of Commerce, Govt. of India	Kerala	JobyManjaly	Start Up /Employed/Others	Development of eco-friendly Grow-bags based on natural rubber for agri/horticultural activities	**42.710**	**12.750**	**29.960**	**8.925**
36	Velammal College of Engineering And Technology	Tamil nadu	Gobinath Arumugam	Start Up /Employed/Others	Artificial Intelligence Enabled robotic stacker for Mechanized Distribution of food grains	**8.670**	**7.370**	**1.301**	**5.159**
37	Banasthali Vidyapith	Rajasthan	Minushri Madhumita	Entrepreneurs/MSME	Dhivara Mitra - Integrated, Floatable Solar solution for Fish and Prawn Farming	**18.000**	**12.750**	**5.250**	**8.925**
38	Kalasalingam Academy of Research And Education	Tamil nadu	B.Perumal	Start Up /Employed/Others	MatsyaRakshak Multilingual IoT based Assist Device for Pisciculture farmers	**15.000**	**12.750**	**2.250**	**8.925**
39	ST. Martins Engineering College	Telangana	Konga Bharathi	Student	Development of Horticultural Manned Robot for Ripe Mango Fruit Plucking	**11.000**	**11.000**	**0.000**	**7.700**
40	Vinayaka Missions KirupanandaVariyar Engineering College	Tamil nadu	Raja Subramani	Student	Birds and Animals Intrusion Avoidance System using IOT to reduce the crop losses in Agriculture	**10.000**	**10.000**	**0.000**	**7.000**
41	Ramco Institute of Technology	Tamil nadu	AshokkumarMariarathinam	Start Up /Employed/Others	Portable Rotary Fluidized bed Heat Pump Dryer for Herbal Leaves	**15.000**	**12.750**	**2.250**	**8.925**
42	Swami Keshvanand Institute of Technology, Management and Gramothan	Rajasthan	Pooja Choudhary	Start Up /Employed/Others	IoT-AI Based Smart Irrigation System	**15.000**	**12.750**	**2.250**	**8.925**
43	GayatriVidyaParishad College of Engineering	Andhra pradesh	PragadaVenkata Vinay	Start Up /Employed/Others	Low cost manual tuber vegetable product	**3.200**	**2.720**	**0.480**	**1.904**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					cleaning machine				
44	Government Engineering College Thrissur	Kerala	AdhilSaeem M	Student	Automated coconut harvester with maturity detector	**18.000**	**15.000**	**3.000**	**10.500**
45	Saveetha Engineering College	Tamil nadu	Ganapathi Durairaj	Start Up /Employed/Others	Design, Development and Field Evaluation of Power Operated Cono-Weeder for System of Rice Intensification	**2.250**	**1.912**	**0.337**	**1.338**
46	Velammal College of Engineering and Technology	Tamil nadu	Kamatchi Thiruppathi	Start Up /Employed/Others	SMART CPR (Cardiac Resuscitation Device)	**14.950**	**12.708**	**2.243**	**8.896**
47	Entrepreneurship Development Institute of India	Gujarat	Prajapati Kush Kirtikumar	Start Up /Employed/Others	RedicineMedsol Smart Pill Box (IoT based pills storage)	**21.200**	**12.750**	**8.450**	**8.925**
48	Haldia Institute of Technology	West bengal	Siddhartha Samanta	Start Up /Employed/Others	Conducting polymer based water purifiers that are removed heavy metal ions such as As(V), As(III), Pb(II), Hg(II), Cr(VI) from waste water.	**15.000**	**12.750**	**2.250**	**8.925**
49	GokarajuRangaraju Institute of Engineering and Technology	Telangana	Sakhineti Mounika	Entrepreneurs/MSME	Smart Wheel chair with Robotic ARM	**14.100**	**11.985**	**2.115**	**8.390**
50	Chalapathi Institute of Pharmaceutical Sciences	Andhra pradesh	Ms Chalapathi Educational Society	Entrepreneurs/MSME	Rivaroxaban powder for oral solutions and Rivaroxaban effervescent granules to treat angina pectoris, an Ischemic heart disease drug.	**26.600**	**12.750**	**13.850**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

51	Indian Institute of Information Technology Nagpur	Maharashtra	Aman Dayashankarlal Shrivastava	Start Up /Employed/Others	Eyelink A low-cost Electrooculography-based Human-Computer Interface for patients with severe disabilities	**15.000**	**12.750**	**2.250**	**8.925**
52	Dr. Ambedkar Institute of Technology	Karnataka	Haripriya SumanaGosakan	Start Up /Employed/Others	Rapid and economical manufacturing process for carbon fiber prosthetic foot for amputees	**15.000**	**12.750**	**2.250**	**8.925**
53	Aic-Gisc Foundation, Atal Incubation Centre- Gujarat Technological University	Gujarat	Chauhan SanjaykumarPrakashbhai	Entrepreneurs/MSME	Hempoin - Revitalize Erythropoiesis	**35.000**	**12.750**	**22.250**	**8.925**
54	Velammal College Of Engineering And Technology	Tamil nadu	Rajeswari P	Start Up /Employed/Others	Artificial Intelligence Enabled Assist for Visually Impaired Movements	**7.650**	**6.503**	**1.147**	**4.552**
55	Koneru Lakshmaiah Education Foundation	Andhra pradesh	Burra V L S Prasad	Start Up /Employed/Others	Technology development for faster, cheaper and diverse single domain antibodies for disease prognostics, diagnostics and therognostics.	**18.000**	**12.750**	**5.250**	**8.925**
56	Bharath Institute of Higher Education and Research	Tamil nadu	Angeline Raghu Babu	Start Up /Employed/Others	Trash to Treasure a Cost Effective Eco-Friendly Bioplastic from Agricultural Wastes for Use as Hospital Bed Covers	**13.500**	**11.475**	**2.025**	**8.033**
57	Indian Institute of Technology Jodhpur	Rajasthan	ThilakChakaravarthi. E	Student	Developing Endoscope Socket to provide uninterpreted endoscopic	**20.000**	**15.000**	**5.000**	**10.500**

Ahmad

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					visual field to ENT doctor for diagnosing patients with minimal discomfort.				
58	KPR Institute of Engineering and Technology	Tamil nadu	Senthil Kumar R	Start Up /Employed/Others	A Bio-Medical Device for Health Care Application Design and Development of Polylactic Acid (PLA) Polymer Based Invasive Cannula Sensor to Monitor Patients Invasive Blood Pressure (BP), Temperature, Electrocardiography	**13.500**	**11.475**	**2.025**	**8.033**
59	Institute of Pharmacy & Technology Salipur	Odisha	Sidhartha Sankar Kar	Start Up /Employed/Others	A new and improved industrially viable manufacturing process for Gabapentin	**15.000**	**12.750**	**2.250**	**8.925**
60	Inderprastha Engineering College	Uttar pradesh	Aryan Singhal	Student	The Virtual Eye for visually impaired people	**15.000**	**15.000**	**0.000**	**10.500**
61	Sharda University	Uttar pradesh	Suman latasharma	Start Up /Employed/Others	Low cost recycled biodegradable sanitary pads	**5.000**	**4.250**	**0.749**	**2.975**
62	Rathinam Technical Campus	Tamil nadu	Raman Radhakrishnan	Start Up /Employed/Others	Adhesive Non Surgical Hearing device	**14.600**	**12.410**	**2.190**	**8.687**
63	ISF College of Pharmacy	Punjab	Rohit Bhatia	Start Up /Employed/Others	Development of Electrochemical Device for Detection of Glucose levels in Human Saliva	**20.000**	**12.750**	**7.250**	**8.925**
64	GokarajuRangaraju Institute of Engineering and	Telangana	G Ramesh	Start Up /Employed/Others	AI based Action and Gesture Recognition	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

	Technology				Framework for Children Diagnosed with Cerebral Palsy in children				
65	CMR Engineering College	Telangana	C Syamsundar	Start Up /Employed/Others	Novel Eco-Friendly Solid Waste Management System with Waste Heat Recovery for Rural Villages	**15.000**	**12.750**	**2.250**	**8.925**
66	Sethu Institute of Technology	Tamil nadu	A Sabah Afroze	Start Up /Employed/Others	Improvised Odourless Napkin Disposal Machine	**15.000**	**12.750**	**2.250**	**8.925**
67	Amity Innovation Incubator Raipur	Chhattisgarh	Sushant Singh	Start Up /Employed/Others	Next-GEN Wound Dressings - Biocompatible, Biodegradable and Sustainable Gauze	**12.000**	**10.200**	**1.800**	**7.140**
68	Banasthali Vidyapith	Rajasthan	Urvashi Amitkumar Joshi	Start Up /Employed/Others	iGLU - Intelligent Glucose Monitoring Device	**15.000**	**12.750**	**2.250**	**8.925**
69	Shri MadhwaVadiraja Institute of Tehnology and Management	Karnataka	Sachin Sadashiv Bhat	Start Up /Employed/Others	Magnetic Surgical Sponge Detection System	**11.500**	**9.775**	**1.725**	**6.843**
70	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Sunil KulbhushanSahuji	Entrepreneurs/MSME	Device for atraumatic removal of dental crowns and bridges	**9.300**	**7.905**	**1.395**	**5.534**
71	Manipal Academy of Higher Education, Manipal	Karnataka	Mohammad Samheel	Entrepreneurs/MSME	Assistive orthosis for functional and dynamic grasp	**15.000**	**12.750**	**2.250**	**8.925**
72	AIC-GISC Foundation, Atal Incubation Centre- Gujarat Technological University	Gujarat	Patel DhruvMaheshbhai	Student	D3S Healthcare Technologies (BR-Scan Light) for the detection of breast cancer and certain breast abnormalities	**23.700**	**15.000**	**8.700**	**10.500**

Ahmed

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

73	Acharya Institute of Technology	Karnataka	Mithun Ambalal Shah	Entrepreneurs/MSME	Flushable and Biodegradable Sanitary pads	**15.000**	**12.750**	**2.250**	**8.925**
74	CMR Engineering College	Telangana	C Syamsundar	Start Up /Employed/Others	Design and Development of an Affordable Portable Ventilator System for Patient Emergency Support	**15.000**	**12.750**	**2.250**	**8.925**
75	Indian Institute of Information Technology Kottayam	Kerala	P D Varghese	Entrepreneurs/MSME	Integrated Medical Alert Communication System	**15.000**	**12.750**	**2.250**	**8.925**
76	Sethu Institute of Technology	Tamil nadu	A Sabah Afroze	Start Up /Employed/Others	Accurate classification and detection of Osteoarthritis in Knees using thermal images	**15.000**	**12.750**	**2.250**	**8.925**
77	Vishnu institute of pharmaceutical education and research	Telangana	Gowrishetty Srinivas	Start Up /Employed/Others	Development of a novel air purifier for destroying COVID, other virus, bacteria and indoor air pollutants	**12.000**	**10.200**	**1.800**	**7.140**
78	P. A. College of Engineering and Technology	Tamil nadu	Ganappriyan	Student	Design and Development of Pap Smear Collecting Smart Electronic Penis for Cervical Cancer Screening Activities	**15.000**	**15.000**	**0.000**	**10.500**
79	CMR Engineering College	Telangana	Mamidala Vijay Karthik	Start Up /Employed/Others	Solar Energy Based Rickshaw Ambulance for Remote Locations	**15.000**	**12.750**	**2.250**	**8.925**
80	KPR Institute of Engineering and Technology	Tamil nadu	Chandraprabha S	Start Up /Employed/Others	Navigation Assistance Tool	**14.500**	**12.325**	**2.175**	**8.628**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

81	KPR Institute of Engineering and Technology	Tamil nadu	Satheesh Kumar Shanmugam	Start Up /Employed/Others	Modern electrophoresis device for early detection of sickle cell anaemia among the tribal communities in India	**14.500**	**12.325**	**2.175**	**8.628**
82	Sethu Institute of Technology	Tamil nadu	Seeni Mohamed AliarMaraikkayar S M	Start Up /Employed/Others	Bionic Arm for Amputees	**15.000**	**12.750**	**2.250**	**8.925**
83	Vishnu institute of pharmaceutical education and research	Telangana	VelivelaVenkata Shiva Rajendra Prasad	Start Up /Employed/Others	Development of an affordable test kit for early detection of colon cancer and GIT disorders	**13.800**	**11.730**	**2.071**	**8.211**
84	Velammal Institute of Technology	Tamil nadu	B Sridevi	Entrepreneurs/MSME	REDPAL- A Wristwatch based assistance for old age people	**9.750**	**8.287**	**1.462**	**5.801**
85	Entrepreneurship Development Institute of India	Gujarat	Ramani Smit Sanjaybhai	Start Up /Employed/Others	DR Beat ECG Device	**20.000**	**12.750**	**7.250**	**8.925**
86	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Divyakshi Kaushik	Entrepreneurs/MSME	Portable, Compressive Technology for Rehabilitative Therapy to manage long term post injury and surgical outcomes	**40.000**	**12.750**	**27.250**	**8.925**
87	Manipal Academy of Higher Education, Manipal	Karnataka	Chithra A	Start Up /Employed/Others	Modified Maxillary dysimpaction forceps	**13.800**	**11.730**	**2.070**	**8.211**
88	P.S.R Engineering College, Sivakasi	Tamil nadu	S Kabilan	Entrepreneurs/MSME	Engineering Pichia pastoris for the production of recombinant Enterokinase	**15.000**	**12.750**	**2.250**	**8.925**
89	S J C Institute of Technology	Karnataka	Levy	Start Up /Employed/Others	Design and Development of Novel	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					System for the Early Detection of Human Heart Failure and Precautionary Measures for Life Saving				
90	Sri Ramakrishna Engineering College	Tamil nadu	Dharmaselan K	Student	Stress Buster for detecting and reducing mental stress automatically	**17.000**	**15.000**	**2.000**	**10.500**
91	Koneru Lakshmaiah Education Foundation	Andhra pradesh	Burra V L S Prasad	Start Up /Employed/Others	Design and Development of HH (Healthy Healers (TM)) Foot wearables	**15.000**	**12.750**	**2.250**	**8.925**
92	Meerut Institute of Engineering and Technology	Uttar pradesh	Shalini Rana	Student	Biodegradable Diapers with Safe Wetness Indicator	**18.500**	**15.000**	**3.500**	**10.500**
93	Jharkhand Government Mini Tool Room Training Centre	Jharkhand	Shalini Mahato	Start Up /Employed/Others	Smart Depression Monitoring System	**15.000**	**12.750**	**2.250**	**8.925**
94	Prathyusha Engineering College	Tamil nadu	Shaik Abdul Subhahan	Start Up /Employed/Others	Design of I-Health Using NFC Tag for Monitoring, Storing and Accessing Patient Health Information in Single Tap	**16.000**	**12.750**	**3.250**	**8.925**
95	Sharda University	Uttar pradesh	Amit Malik	Entrepreneurs/MSME	Automatic Slide Stainer for medical diagnostic laboratories which will automate the current process of manual slide staining	**15.000**	**12.750**	**2.250**	**8.925**
96	Manipal Academy of Higher Education, Manipal	Karnataka	RudraNath Ghosh	Entrepreneurs/MSME	Production of Mesenchymal stem cell-laden hydrogel dressing (Derma-heal) for wound management.	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

97	Jerusalem College of Engineering	Tamil nadu	John Jebarathinam N	Start Up /Employed/Others	Air conditioner cum Air Sterilizer	**7.500**	**6.375**	**1.125**	**4.463**
98	ISF College of Pharmacy	Punjab	Pooja Chawla	Start Up /Employed/Others	Synthesis of Acetaminophen (Paracetamol) in one step A novel approach	**17.500**	**11.900**	**5.600**	**8.330**
99	Ramco Institute of Technology	Tamil nadu	Arun Kumar A	Start Up /Employed/Others	LED Powered Endo Illuminator for Vitreous Surgery	**14.500**	**12.325**	**2.175**	**8.628**
100	Rubber Research Institute of India, Rubber Board, Ministry of Commerce, Govt. of India	Kerala	Debajit Sarkar	Entrepreneurs/MSME	Development of Natural Rubber based Insoles and lining materials for artificial limbs	**88.900**	**12.750**	**76.150**	**8.925**
101	Engineering Staff College of India	Telangana	Banavathu venkatakrishnaprasad	Entrepreneurs/MSME	VR Assisted Tele-Operated Robotic Ultrasound System	**9.700**	**8.245**	**1.455**	**5.772**
102	Christ University Kengeri	Karnataka	S K Aruna	Start Up /Employed/Others	Biodegradable Hydrogel gauze from Nano Sericin and Gelatin	**21.000**	**12.750**	**8.250**	**8.925**
103	Swami Keshvanand Institute of Technology, Management and Gramothan	Rajasthan	Ankit Vijayvargiya	Start Up /Employed/Others	Automatic Solar Panel Cleaning Robot	**15.000**	**12.750**	**2.250**	**8.925**
104	GokarajuRangaraju Institute of Engineering and Technology	Telangana	DoggaRaveendhra	Start Up /Employed/Others	Capacitor Clamped Boost Inverter for on-grid Solar PV Applications	**15.000**	**12.750**	**2.250**	**8.925**
105	St Josephs College of Engineering	Tamil nadu	Sharfaras J	Student	Electric Shock Accident Prevention System (E-SAPS)	**12.000**	**12.000**	**0.000**	**8.400**
106	K.S.Rangasamy College of Technology	Tamil nadu	Pasupathi V	Student	Design and Fabrication of NanoJacquard for Weaving machine	**14.500**	**14.500**	**0.000**	**10.150**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

107	International School of Management Excellence	Karnataka	MilindBalbhim Kulkarni	Start Up /Employed/Others	Biogas Generation from Floral Waste and Subsequent Quality Improvement	**15.000**	**12.750**	**2.250**	**8.925**
108	National Institute of Technology Jamshedpur	Jharkhand	Kamal kant	Student	Smart adapter for wi-fi routers with storage capacity	**14.890**	**14.890**	**0.000**	**10.423**
109	SRM Institute of Science and Technology Ramapuram Campus	Tamil nadu	jegannathan r	Student	Aluminium-Air Battery Design, Fabrication and Testing	**5.000**	**5.000**	**0.000**	**3.500**
110	CMR College of Engineering and Technology	Telangana	Merugu Suresh	Student	Campus Mobility E-Vehicle (SHHAR)	**14.810**	**14.810**	**0.000**	**10.367**
111	National Institute of Technology Jamshedpur	Jharkhand	Deepak Kumar	Start Up /Employed/Others	Automated Portable Ball Milling Machine for Nanoparticles	**14.000**	**11.900**	**2.100**	**8.330**
112	Coimbatore Institute of Engineering And Technology	Tamil nadu	VeerakumarAdaikalasamy	Start Up /Employed/Others	Development of Evacuated Tube Solar Air Collector Equipped with Wire Mesh for Direct Air Heating in Selected Agricultural Products	**15.100**	**12.410**	**2.690**	**8.687**
113	Bhilai Institute of Technology, Durg	Chhattisgarh	Parvati Thakur	Entrepreneurs/MSME	A power generating AI architectural photosynthesis glass.	**15.000**	**12.750**	**2.250**	**8.925**
114	Kalasalingam Academy of Research And Education	Tamil nadu	TheivasanthiSankar	Entrepreneurs/MSME	Lithium Sulphur Battery by Solid State Synthesis method to improve its life and performance	**15.000**	**12.750**	**2.250**	**8.925**
115	Sethu Institute of Technology	Tamil nadu	Srivarshini Sethuraman	Student	Live wire current detector from 2-5 meters(LTLC Detector)	**10.750**	**10.750**	**0.000**	**7.525**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

116	Matrusri Engineering College	Telangana	NagulShribala	Start Up /Employed/Others	Battery Health Management System	**2.300**	**1.955**	**0.345**	**1.369**
117	Padit Deendayal Petroleum University	Gujarat	Aditya Suraj Shukla	Entrepreneurs/MSME	Solar Pavement Green Building Material from recycled Plastic Waste	**15.000**	**12.750**	**2.250**	**8.925**
118	St Josephs College of Engineering	Tamil nadu	Venkateshbabu R	Student	Solarboat	**14.000**	**14.000**	**0.000**	**9.800**
119	IIS Deemed to be University	Rajasthan	Mahesh Chand Sharma	Start Up /Employed/Others	Design and Development of Smart Self-Cleaning Solar Panel System	**15.000**	**12.750**	**2.250**	**8.925**
120	Hindusthan College of Engineering and Technology	Tamil nadu	Ras Mathew Yanose	Entrepreneurs/MSME	Wind Turbine (Tail Guided Vertical Axis)	**14.000**	**11.900**	**2.100**	**8.330**
121	Sipna College of Engineering and Technology, Amravati	Maharashtra	Sandeep Vinayakrao Rode	Start Up /Employed/Others	Automatic switching system for energy transfer from solar to grid and vice versa	**4.000**	**3.400**	**0.600**	**2.380**
122	Padit Deendayal Petroleum University	Gujarat	ShaniChandrakant Pandya	Entrepreneurs/MSME	Solar Powered Drone Charging Station for the Armed forces and delivery of Courier	**15.000**	**12.750**	**2.250**	**8.925**
123	Swami Keshvanand Institute of Technology, Management and Gramothan	Rajasthan	Bharat Modi	Start Up /Employed/Others	Controller For Mitigating, the Temperature Effect in PV Array	**15.000**	**12.750**	**2.250**	**8.925**
124	Malaviya National Institute of Technology Jaipur	Rajasthan	Sita Ram Gupta	Entrepreneurs/MSME	Wood Pyre for funerals by using cow-dung, agri waste & herbs - GaumayaSamidha	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

125	Aarupadai Veedu Institue Of Technology, a constituent college of Vinayaka Missions Research Foundation ,Deemed to be University	Tamil nadu	Vijay Jayaraman	Start Up /Employed/Others	Efficient Power Management System by Implementing Solid State Transformer	**12.600**	**10.710**	**1.891**	**7.497**
126	Indian Institute of Technology Indore	Madhya prades h	Arvind Chaure	Start Up /Employed/Others	Solar Thermal Compressor, pump and Electricity Generator	**15.000**	**12.750**	**2.250**	**8.925**
127	Francis Xavier Engineering College, Tirunelveli, Tamil Nadu	Tamil nadu	Kannan M	Start Up /Employed/Others	Solar Tracker for Heavy Solar Collectors (Dual axis method)	**12.000**	**10.200**	**1.800**	**7.140**
128	Dr. Ambedkar Institute of Technology	Karnataka	Samarth Magod	Start Up /Employed/Others	Solar Powered Thermoelectric Refrigerator	**15.000**	**12.750**	**2.250**	**8.925**
129	Adhiyamaan College of Engineering	Tamil nadu	Vadhirajan Achuthan	Start Up /Employed/Others	Cloud Based distance Relay with Fault location Mapping on Google Map	**14.000**	**11.900**	**2.100**	**8.330**
130	DIT University	Uttarakhand	Mukesh Kumar Vidyarthi	Start Up /Employed/Others	An arrangement for charge polarized exhaust gas and atmospheric air in an internal combustion diesel engine and the method thereof.	**15.000**	**12.750**	**2.250**	**8.925**
131	Ramco Institute of Technology	Tamil nadu	M Kanagasabapathy	Start Up /Employed/Others	Cost Effective Fabrication of Hybrid Capattery with High Energy Density and Power Density as an Energy Storage Device	**12.800**	**10.880**	**1.920**	**7.616**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

132	Chennai Institute of Technology	Tamil nadu	M Kayalvizhi	Start Up /Employed/Others	Novel mass screening Retina Imaging for Severity detection of Alzheimers using Deep learning methods	**15.000**	**12.750**	**2.250**	**8.925**
133	Koneru Lakshmaiah Education Foundation	Andhra pradesh	Prakash Kodali	Start Up /Employed/Others	Smart Electronic Handheld Device for Non-Invasive Drug Delivery	**15.000**	**12.750**	**2.250**	**8.925**
134	Haldia Institute of Technology	West bengal	Hrishikesh Ray	Start Up /Employed/Others	Agri-Tech (SaaS) Platform provides online space booking for Logistics supply chain with Storage management.	**15.000**	**12.750**	**2.250**	**8.925**
135	National Institute of Technology Srinagar	Jammu and kashmir	DineshkumarRajendran	Start Up /Employed/Others	buoyancy force with the object designed to keep the cycle floating over the water.	**15.000**	**12.750**	**2.250**	**8.925**
136	Sphoorthy Engineering College	Telangana	Sushant Kumar Tiwari	Start Up /Employed/Others	Protective Face Shield for Municipal Corporation Workers	**15.000**	**12.750**	**2.250**	**8.925**
137	YeshwantraoChavan College of Engineering	Maharashtra	Vaishali Arun Mutyalwar	Entrepreneurs/MSME	Ceiling Fan Cleaning Device	**9.410**	**7.998**	**1.412**	**5.599**
138	KPR Institute of Engineering and Technology	Tamil nadu	Gowtham Sekar	Start Up /Employed/Others	Tracking of Childs nutritional status and physical health (well-being)	**5.400**	**4.590**	**0.810**	**3.213**
139	Sagi Rama Krishnam Raju Engineering College	Andhra pradesh	Penmetsa Lakshmi Pranathi	Student	Smart Vision-Smart Glass device Designed for the blind and low vision	**15.000**	**15.000**	**0.000**	**10.500**
140	Annamacharya Institute of Technology and Sciences, Tirupati	Andhra pradesh	Shaik bar shabana	Student	E-commerce store for construction and home improvement	**15.000**	**15.000**	**0.000**	**10.500**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					hardware products				
141	Jerusalem College of Engineering	Tamil nadu	Parameswari	Start Up /Employed/Others	Multi-Functional Blind Stick for Visually Impaired People	**1.500**	**1.275**	**0.225**	**0.893**
142	Indian Institute of Technology Indore	Madhya pradesh	Yash Bharadwaj	Entrepreneurs/MSME	CyberWarFare Labs Initiative for CyberSecurity Education (CICE)	**15.000**	**12.750**	**2.250**	**8.925**
143	Sethu Institute of Technology	Tamil nadu	Akilandeswari V	Start Up /Employed/Others	Smart Assistive Robot for Hearing Impaired Children	**15.000**	**12.750**	**2.250**	**8.925**
144	KPR Institute of Engineering and Technology	Tamil nadu	Imaya Ganesh S	Start Up /Employed/Others	A drone using Autodesk Fusion 360 Software for Disaster Mitigation and Relief	**11.040**	**9.384**	**1.656**	**6.569**
145	TKR College of Engineering and Technology	Telangana	BoddukantiKarthik Kumar	Student	Smart Wearables for Rescuers And Victims	**8.000**	**8.000**	**0.000**	**5.600**
146	INDO Danish Tool Room	Jharkhand	Kapil Suhane	Entrepreneurs/MSME	Digitising the Waste Management Supply Chain	**13.500**	**11.475**	**2.025**	**8.033**
147	Sri Krishna College of Technology	Tamil nadu	D.Mohit Kumar	Student	Robotic arm with sensing and anti-drone technology to secure the border	**14.500**	**14.500**	**0.000**	**10.150**
148	Sri Krishna College of Technology	Tamil nadu	Vijayandrahari A P	Student	Smart Vest for Coal Mine Workers	**15.000**	**15.000**	**0.000**	**10.500**
149	M.Kumarasamy College of Engineering	Tamil nadu	Thulasimani V V	Student	Smart Charger with Charge Monitoring Capability	**15.000**	**15.000**	**0.000**	**10.500**
150	Chalapathi Institute of Engineering and Technology	Andhra pradesh	Gorantla Vishnu Sai	Student	IoT based Smart Water Quality Monitoring System	**8.000**	**8.000**	**0.000**	**5.600**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

151	Chebrolu Engineering College	Andhra pradesh	VusaRohini	Student	Aadhar controlled automated polling station with remote monitoring	**15.000**	**15.000**	**0.000**	**10.500**
152	Sri Krishna College of Technology	Tamil nadu	Dharsan	Start Up /Employed/Others	Aerial Scout - Hybrid and self-sustainable aerial drone platform with extensive endurance	**16.284**	**11.262**	**5.021**	**7.883**
153	Institute of Aeronautical Engineering	Telangana	Varanasi Sai Hrishikesh	Student	Well Being- an advanced machine learning and artificial intelligence tool to analyze and assess the state of mind of an individual	**9.200**	**9.200**	**0.000**	**6.440**
154	Vidya Jyothi Institute Of Technology	Telangana	R Raju nayak	Student	DarzaniyaSyuta - Smart Wearable Handbag for Women Safety	**10.720**	**10.720**	**0.000**	**7.504**
155	Prathyusha Engineering College	Tamil nadu	Bhavitha D	Student	Smart IOT Embedded Wearable Gadgets for Rescue Operation	**20.000**	**15.000**	**5.000**	**10.500**
156	Ksrm College of Engineering	Andhra pradesh	GajjalaNavyaTejasree	Student	Image text to multilingual languages using smart glasses	**8.000**	**8.000**	**0.000**	**5.600**
157	Adani Institute of Infrastructure Engineering	Gujarat	SaxenaTushar	Entrepreneurs/MSME	One-Click Sprinkler technology to control fire Sprinkler manually through AUTOVOLTZ -Softwar-Console from any place	**15.000**	**12.750**	**2.250**	**8.925**
158	RMK Engineering College	Tamil nadu	MithunBalaji	Student	Made in And for India Freelancing Portal-To create the demand for	**13.200**	**12.200**	**1.000**	**8.540**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					freelance job roles be able to known by every Unemployed people with their unique skills				
159	Birla Institute of Management Technology	Uttar pradesh	Gaurav Singhania	Entrepreneurs/MSME	Skillarthi-Mentoring Ecosystem for Teenagers	**15.000**	**12.750**	**2.250**	**8.925**
160	Yenepoya Deemed to be University	Karnataka	Vivek Ghate	Start Up /Employed/Others	Localized Delivery of Cyclosporine-A to Cause Thickening o the Peri-Implant Mucosa during the Placement of Dental Implants	**13.000**	**11.050**	**1.950**	**7.735**
161	M.Kumarasamy College of Engineering	Tamil nadu	Jeyaganeshkumar Kailasam	Start Up /Employed/Others	J.A.R.V.I.S Virtual Assistant for the Divyangjan	**1.960**	**1.666**	**0.294**	**1.166**
162	Anurag Group of Institutions	Telangana	R Naga Swetha	Start Up /Employed/Others	Secure Savers-Monitoring Adulteration and Pilferage of Petroleum Oil tankers and logistic service	**18.065**	**12.325**	**5.740**	**8.628**
163	Process and Product Development Centre, Agra	Uttar pradesh	Afnan Siddique Javed Mohd Shafi	Entrepreneurs/MSME	Carbon Block-Cement Free Solid and Paver Block Made from carbon emissions.	**15.000**	**12.750**	**2.250**	**8.925**
164	REVA University	Karnataka	Chinnayya Math	Entrepreneurs/MSME	Ni-The Smart Manhole Monitor	**50.000**	**12.750**	**37.250**	**8.925**
165	Malla Reddy Engineering College	Telangana	Ganesh Rao Duddu	Student	Develop a smart application to monitor the health of roads and trigger the reports to concern authorities for maintenance.	**16.500**	**15.000**	**1.500**	**10.500**
166	Indian Institute of Science	Karnataka	Vummadi setty Praveen	Entrepreneurs/MSME	Development of a low cost small satellites	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

			Naidu		(NPHSAT SYSTEMS PVT LTD) - designing, research and development of new Printed Antennas used for Small Satellites such as CanSat, CubeSat etc, and also for portable advanced wireless communication applications				
167	Kasegaon Education SocietysRajarambapu Institute of Technology	Maharashtra	Priyanka Rajesh Bamane	Student	Analysis of Solid Waste and Potential Scope for Refused Derive Fuel in Islampur City	**96.790**	**15.000**	**81.790**	**10.500**
168	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Ashutosh Rajesh Bhattad	Start Up /Employed/Others	Sodium Chloride Quick Charging Battery- to design and develop the sodium battery were to make a cheap or cost effective batteries	**16.000**	**12.750**	**3.250**	**8.925**
169	Jharkhand Government Mini Tool Room Training Centre	Jharkhand	Saket Kumar	Entrepreneurs/MSME	OAS Well Drinking Water Purifier- to design a 'new generation domestic water purifier', using the novelties of OaÂ´S media, to avail 'Pure, Safe, and Healthy drinking water' in the households, at the low cost, irrespective of availability of electricity	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

170	Guru Gobind Singh College of Pharmacy	Haryana	Ashwani Kumar	Start Up /Employed/Others	Laboratory condensor waste water recycling unit - recycling of the water and avoid unnecessary water wastage	**7.000**	**5.950**	**1.050**	**4.165**
171	Association of Lady Entrepreneurs Of India	Telangana	NamrataDhananjay Deo	Start Up /Employed/Others	KAWAK - The Biodegradable Packaging- developed a biodegradable, organic and sustainable solution from agricultural waste that can replace Styrofoam in various applications	**20.000**	**11.050**	**8.950**	**7.735**
172	TKR College of Engineering and Technology	Telangana	Perike Enosh	Start Up /Employed/Others	Unmanned surface vehicle for defense and civilian application - to built a vessel which will not come to the shore again which only transmit required by surveillance	**20.000**	**12.750**	**7.250**	**8.925**
173	Haldia Institute of Technology	West bengal	Radharani Das	Start Up /Employed/Others	Production of SiO2 Nano Powder from Rice Husk (Crop Residue) for its Industrial Uses Waste to Wealth	**15.000**	**12.750**	**2.250**	**8.925**
174	Marathwada Accelerator for Growth and Incubation Council	Maharashtra	Dixit Mihir Pareshkumar	Entrepreneurs/MSME	Infrared Pyrolysis Process- converts any type of solid waste directly to non toxic air.	**19.970**	**8.500**	**11.470**	**5.950**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

175	Dr MGR Educational and Research Institute	Tamil nadu	R Logeswaran	Student	Energy Efficient Pervaporative Thermal Management System for electric vehicle batteries- The proposed solution qualitatively provides cooling at uncertain conditions even when the system lacks power supply.	**13.400**	**13.400**	**0.000**	**9.380**
176	Anand Institute of Higher Technology	Tamil nadu	Kanaga Suba Raja.S	Start Up /Employed/Others	AI-based Vehicle Parking System for Smart Cities	**17.000**	**12.750**	**4.250**	**8.925**
177	Panjab University	Chandigarh	Kashma	Start Up /Employed/Others	A cost effective and reusable hydrogel based super absorbent for water filtration- To design a potential water filter from natural gum (MoringaOleifera gum) based cost effective superabsorbent for water purification to meet the need of rural India	**15.000**	**12.750**	**2.250**	**8.925**
178	CMR Engineering College	Telangana	Saraswathi Nagla	Start Up /Employed/Others	Water Quality Monitoring System- It aims to determine the contamination of water, leakage within pipeline, and also automatic measurement of parameters such as temperature, pH value, flow	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					, color , conductivity in real time				
179	Haldia Institute of Technology	West bengal	MukeshsI NGH	Start Up /Employed/Others	Development of nano-composite film as a packaging material enhancing shelf-life and sensing microbial contamination of cut vegetables and fruits	**15.000**	**12.750**	**2.250**	**8.925**
180	Jerusalem College of Engineering	Tamil nadu	S Prabakaran	Entrepreneurs/MSME	Unmanned Aquatic Drone -Underwater drones are used for underwater inspections of ships, pipelines and aquaculture. Underwater drones have huge potential in military applications.	**11.000**	**9.350**	**1.650**	**6.545**
181	Mahakal Institute of Technology, Ujjain	Madhya prades h	Jitendra Singh Choudhary	Start Up /Employed/Others	Low Cost Waste Water Recycling Machine Shuddham -to recycle the waste water in bathroom in without any modification in bathroom and house	**15.000**	**12.750**	**2.250**	**8.925**
182	Indian Institute of Information Technology Kottayam	Kerala	P Victer Paul	Start Up /Employed/Others	AutoHire - An AI-Based Automated Technical Interview Solution - Create a web-based solution to conduct virtual technical interviews with the candidates, To evaluate the	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					interview using AI without any human intervention				
183	Vels Institute of Science, Technology and Advanced Studies	Tamil nadu	Brindha Devi P	Start Up /Employed/Others	Sustainable Use of Fruit and Vegetable waste to Enhance Food Packaging Performance	**15.000**	**12.750**	**2.250**	**8.925**
184	Sagi Rama Krishnam Raju Engineering College	Andhra pradesh	Vendra Sri VenkataVeerannaNeelesh	Student	Underwater drone for welding - perform underwater inspection and repair of pipelines, underwater structures and vessels	**3.500**	**3.500**	**0.000**	**2.450**
185	Kongunadu College of Engineering and Technology	Tamil nadu	Sasikala Rajesh	Entrepreneurs/MSME	A Novel Process for recycling Post-Consumer PLA (Poly Lactic Acid) Waste for Sustainable Production of Methyl Lactate by catalytic Methanolysis.	**24.920**	**12.750**	**12.170**	**8.925**
186	KSRM College of Engineering	Andhra pradesh	LakkireddySaiprana varshitha	Student	Self Powered GPS Tracker - self powered intelligent GPS tracking system is proposed and designed for the purpose of vehicle tracking and road surface monitoring	**6.000**	**6.000**	**0.000**	**4.200**
187	Sethu Institute of Technology	Tamil nadu	Brindha	Student	BIOPOLYMER FOR ECOFRIENDLY BAGS - Water-soluble bags are made from a derivative composed of polyvinyl alcohol (PVA)	**11.000**	**11.000**	**0.000**	**7.700**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					and organic plastics (water-soluble synthetic polymer) which dissolve in contact with water				
188	IIS Deemed to be University	Rajasthan	Sudip Roy	Start Up /Employed/Others	A Processed Digested Plastic (PDP) Composition to create building materials, by managing waste plastic, and a manufacturing process thereoff.	**15.000**	**12.750**	**2.250**	**8.925**
189	Rungta College of Engineering and Technology	Chhattisgarh	A. Gyanesh Kumar Rao	Start Up /Employed/Others	Protective Truck / Bus Hoods by (GWS Defence) -the backing material for add on armor to create additional support on High Nitrogen Steel via zeolite and agro-based ballistic to resist bullets, explosions heavy loads of boulder rocks during Avalanche and Land Slides	**49.500**	**12.750**	**36.750**	**8.925**
190	G.L. Bajaj Institute of Technology and Management	Uttar pradesh	Pawan Kumar Gupta	Start Up /Employed/Others	Air purification and air conditioning by liquid mechanism.	**10.100**	**8.585**	**1.515**	**6.010**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

191	Prathyusha Engineering College	Tamil nadu	jayaseelan	Start Up /Employed/Others	Cost Effective and Quickly Deployable Hybrid Composite Shelter - focuses on the material design of hybrid glass/Kevlar fiber reinforced polymer (FRP) composites that will be suitable for fabricating panels for the construction of emergency medical shelters	**22.000**	**12.750**	**9.250**	**8.925**
192	CMR Engineering College	Telangana	C Syamsundar	Start Up /Employed/Others	Establishing Hybrid Hydrodynamic Assisted with Acoustic Cavitation Water Treatment Facility for High-Quality Drinking Water	**15.000**	**12.750**	**2.250**	**8.925**
193	Chennai Institute of Technology	Tamil nadu	Partheeban	Start Up /Employed/Others	Cost Effective and Quickly Deployable Hybrid Composite Shelter - focuses on the material design of hybrid glass/Kevlar fiber reinforced polymer (FRP) composites that will be suitable for fabricating panels for the construction of emergency medical shelters	**15.000**	**12.750**	**2.250**	**8.925**
194	MM College of Pharmacy	Haryana	Neerabatra	Start Up /Employed/Others	An Automated Car Window Opening System on Detection of	**14.750**	**12.538**	**2.213**	**8.777**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					Carbon Monoxide				
195	IIM Nagpur	Maharashtra	Priyanka Ankush Gupta	Start Up /Employed/Others	Nutraceutical formulations as antioxidant rich daily food supplements containing probiotics and medicinal herbs improving the immunity and possessing anticancer property.	**15.000**	**12.750**	**2.250**	**8.925**
196	BharatiVidyapeeth Deemed to be University College of Engineering, Pune India	Maharashtra	AniketPrabhakarDandge	Entrepreneurs/MSME	Developing low cost advance mechanism for road maintenance by using techniques of road recycling	**15.000**	**12.750**	**2.250**	**8.925**
197	Velammal College Of Engineering And Technology	Tamil nadu	BabuKaruppiah	Start Up /Employed/Others	Lifesaving IoT based hazardous gas monitoring and drainage block detection system to prevent manual scavenging.	**15.000**	**12.750**	**2.250**	**8.925**
198	Sri Ramakrishna Engineering College	Tamil nadu	Jeevika Krishnan	Student	Iot based coal mine safety and health monitoring system using lora	**15.330**	**15.000**	**0.330**	**10.500**
199	Padit Deendayal Petroleum University	Gujarat	Aditya Suraj Shukla	Entrepreneurs/MSME	Composite Road Slab (Modular Smart Road) - Air purifier paver block leads to minimization of air pollution that hereby decreases the harmful effects of those gases to a certain extent by photocatalysis	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

200	Adhiyamaan College of Engineering	Tamil nadu	Baaladhinesh A	Start Up /Employed/Others	Solar Membrane Distillation - Solar based Membrane distillation works on the principle of temperature and vapor pressure difference i.e.., Membrane distillation is a thermal driven separation process.	**12.000**	**10.200**	**1.800**	**7.140**
201	Indian Institute of Science	Karnataka	Nitin Krishnan	Start Up /Employed/Others	Colwho - Electric powered modern sugarcane juice cart	**9.655**	**8.207**	**1.448**	**5.745**
202	PadmabhooshanVasantraodadaPatilInstiute of Technology	Maharashtra	satishshankarraokulkarni	Start Up /Employed/Others	Development of low cost PCB depopulation machine - The Unit uses modern techniques of heating which is not available in market. Also the localized heating enables saving of some useful components on the PCB for reuse.	**5.500**	**4.675**	**0.825**	**3.273**
203	I.T.S Engineering College, Greater Noida	Uttar pradesh	Jeevesh Gupta	Start Up /Employed/Others	Continuously Variable Generator with Electro-Mechanical Synchronization (CV Gen with EM Sync) -Feedback based - optimization of fuel consumption according to the load	**10.500**	**8.925**	**1.575**	**6.248**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					conditions without hampering other parameters of electricity.				
204	GokarajuRangaraju Institute of Engineering and Technology	Telangana	CH subbalakshmi	Entrepreneurs/MSME	Design and Development of Smart and Sustainable Onboard charger for Electric Vehicle	**18.000**	**12.750**	**5.250**	**8.925**
205	GokarajuRangaraju Institute of Engineering and Technology	Telangana	Tata Jogi Venkata Viswanath	Start Up /Employed/Others	Consumer Appliance - A smart automatic breakfast (idli) maker	**15.000**	**12.750**	**2.250**	**8.925**
206	Vels Institute of Science, Technology and Advanced Studies	Tamil nadu	Anandan R	Start Up /Employed/Others	Reconnaissance of Geospatial Mapping To Navigate Person In Multipath Indoor Environment Using Virtual Reality In Airport	**17.000**	**12.750**	**4.250**	**8.925**
207	Vels Institute of Science, Technology and Advanced Studies	Tamil nadu	Shanmugaraj A M	Start Up /Employed/Others	Self - healing anticorrosive nanocomposite coatings on metalm - a technology in controlling metallic corrosion using polymer based nanocomposites and thereby improving the life span of the metals, which are exposed to harsh environments	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

208	ST. Martins Engineering College	Telangana	PatilSnehalatha	Start Up /Employed/Others	Economical Design of the Slab by Using HDPE Balls - Bubble Deck slab is one of these techniques which reduce the volume of concrete in a structure or structural element by introduction of High DensityPolyEthylene (HDPE).	**8.750**	**7.438**	**1.313**	**5.207**
209	INDO Danish Tool Room	Jharkhand	Bhogesh Kumar	Entrepreneurs/MSME	Design Development of System entitled-Miners-Rescuer-System (MRS) for Underground(U/g)- Mines.	**16.000**	**12.750**	**3.250**	**8.925**
210	Malaviya National Institute of Technology Jaipur	Rajasthan	Rishi Aditya Sharma	Entrepreneurs/MSME	An Autonomous Hybrid CNC Marble Milling-cum-chipping Machine for Marble Sculpture Manufacturing	**15.000**	**12.750**	**2.250**	**8.925**
211	Kakatiya Institute of Technology And Science, Warangal	Telangana	Veerati Raju	Start Up /Employed/Others	Real time parking space identification using Computer vision in Smart cities	**16.400**	**12.750**	**3.650**	**8.925**
212	Madanapalle Institute of Technology and Science	Andhrapradesh	Mahesh G B	Start Up /Employed/Others	Manufacturing of Green Leather from Coconut Water	**15.500**	**11.900**	**3.600**	**8.330**
213	QIS College of Engineering and Technology	Andhrapradesh	MadduriChandrakeerthi	Student	A SMART HELMET	**5.000**	**5.000**	**0.000**	**3.500**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

214	GokarajuRangaraju Institute of Engineering and Technology	Telangana	Phaneendra Babu Bobba	Entrepreneurs/MSME	Design of Smart Inter Operable Charging System for Electric Vehicles	**36.500**	**11.900**	**24.600**	**8.330**
215	Haldia Institute of Technology	West bengal	PijusKanti Khatua	Start Up /Employed/Others	Low cost composite toilet door using renewable fast growing cellulose material jute and bamboo with thermo-setting resin adhesive	**15.000**	**12.750**	**2.250**	**8.925**
216	Haldia Institute of Technology	West bengal	TarunKanti Jana	Start Up /Employed/Others	Development of Cyber Physical Machine Tool-development of Cyber Physical Machine Tool (CPMT) which would be utilized in Cyber Physical Production System (CPMT) in tune with the Industry 4.0	**15.000**	**12.750**	**2.250**	**8.925**
217	Velammal College of Engineering And Technology	Tamil nadu	Aathi J	Student	EGG CLEAVER -an automated machine that helps in breaking the eggs and separating the yolk and albumen	**14.000**	**14.000**	**0.000**	**9.800**
218	Chennai Institute of Technology	Tamil nadu	Yuvaresh Chandrasekaran	Start Up /Employed/Others	FUSI(Filament Utilization System) - Recycled 3-D printed filaments.- Recyclce of 3-D printed waste for reuse in 3D printinting.	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

219	Chennai Institute of Technology	Tamil nadu	kodavatisumanth	Entrepreneurs/MSME	Hydrogen powered electric Vehicle	**15.000**	**12.750**	**2.250**	**8.925**
220	Koneru Lakshmaiah Education Foundation	Andhra pradesh	Kishore Bodagala	Entrepreneurs/MSME	AI-based Portable Track Geometry Measurement System - Railway track defect detection	**22.000**	**12.750**	**9.250**	**8.925**
221	Adhiyamaan College of Engineering	Tamil nadu	G Yogesh	Start Up /Employed/Others	Smart Sensing Technique for Health Monitoring of Existing Bridges	**15.000**	**12.750**	**2.250**	**8.925**
222	Kings Engineering College	Tamil nadu	Saravanan Ilangovan	Entrepreneurs/MSME	Food Processing in Transportation using Phase change Material (PCM) Technology	**15.000**	**12.750**	**2.250**	**8.925**
223	GIET University	Odisha	SambitSahoo	Entrepreneurs/MSME	Banking National Security and Governance with Biocode - It is a combination of 8 complex biometrics, integrated software system, AI/ML, block chain and big data analytics to map an individuals identity for making a secure financial transactions without mobile, cards, OTP, PIN, password etc.	**15.000**	**12.750**	**2.250**	**8.925**
224	REVA University	Karnataka	N Suraj	Entrepreneurs/MSME	Manhole Sewer Pipe Cleaning Robot	**15.000**	**12.750**	**2.250**	**8.925**
225	Haldia Institute of Technology	West bengal	Swati Ray	Start Up /Employed/Others	Development of Food colors and dyes utilizing waste	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					flowers				
226	Indian Institute of Science	Karnataka	Sakthikumar	Entrepreneurs/MSME	On-Orbit Refueling for Satellites	**11.400**	**9.690**	**1.710**	**6.783**
227	Sri Sri University	Odisha	Ayush Sharma	Start Up /Employed/Others	Plant-Based Meat Alternative. To eliminate animals birds from the food supply chain but not compromise on the taste, texture functional benefits of meat.	**15.000**	**12.750**	**2.250**	**8.925**
228	Ramco Institute of Technology	Tamil nadu	Manohar J	Start Up /Employed/Others	Fastener Free Pipe Clamp - Replacing the Process of Hammering Screw With our Fastener Free Pipe Clamp	**15.000**	**12.750**	**2.250**	**8.925**
229	National Engineering College	Tamil nadu	A Saravanaselvan	Start Up /Employed/Others	An Intelligent Device to classify organic and non organic fruit and vegetable items using Non - Destructive Infrared Thermography Technique	**9.000**	**7.650**	**1.350**	**5.355**
230	Ramco Institute of Technology	Tamil nadu	Pavithran P	Start Up /Employed/Others	Multipurpose Wheel chair	**1.828**	**1.554**	**0.274**	**1.088**
231	Government Engineering College Thrissur	Kerala	Rosemary Benny	Student	Namaste - The No Waste App	**50.000**	**15.000**	**35.000**	**10.500**
232	Sethu Institute of Technology	Tamil nadu	Venkat M	Student	Tyre Pressure Regulator - it fills air in the tyre of the vehicle in both static and dynamic condition. So no need to stop vehicle in any	**15.000**	**15.000**	**0.000**	**10.500**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					unsafe area				
233	Sri Eshwar College of Engineering	Tamil nadu	K Prabhu	Student	Exterior wall painting machine	**13.000**	**13.000**	**0.000**	**9.100**
234	Surya Group of Institutions - School of Engineering and Technology	Tamil nadu	M Sankar	Start Up /Employed/Others	Fabrication of Light Weight Magnesium Nano Composite Material for Automobile and Aerospace Applications	**7.850**	**6.672**	**1.178**	**4.670**
235	Velammal College of Engineering and Technology	Tamil nadu	JothivigneshRamamoorthy	Student	PORTABLE TOOL HOLDING DEVICE FOR FRICTION WELDING MACHINE - to design a tool holding device which simplifies the work and improve the accuracy of the welding.	**1.460**	**1.460**	**0.000**	**1.022**
236	Sharda University	Uttar pradesh	Anurag Sharma	Entrepreneurs/MSME	Rare Earth Magnet free traction motor for Electric Vehicles	**15.000**	**12.750**	**2.250**	**8.925**
237	National Institute of Technology Jamshedpur	Jharkhand	BasantaBhowmik	Start Up /Employed/Others	A prototype of titania nanostructured based room temperature alcohol sensor	**9.150**	**7.777**	**1.372**	**5.444**
238	VallurupalliNageswara Rao VignanaJyothi Institute of Engineering and Technology	Telangana	Prakash Kodali	Start Up /Employed/Others	Screening of Salt Tolerance in Plants using Internet of Things and Machine Learning	**18.000**	**12.750**	**5.250**	**8.925**
239	IIMT University Meerut	Uttar pradesh	Ajay Partap Singh	Start Up /Employed/Others	STEERING CONTROLLED HEADLIGHT- two headlights for any vehicle, one is moveable with steering and	**14.200**	**12.070**	**2.130**	**8.449**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					another will be fixed and give the front visibility				
240	Inderprastha Engineering College	Uttar pradesh	Ankur Kumar Kushwaha	Student	TripPay - paying the fare in autorickshaws by using NFC. (Near Field Communication)	**12.000**	**12.000**	**0.000**	**8.400**
241	Velammal Institute of Technology	Tamil nadu	Giri J	Entrepreneurs/MSME	AUTOMATIC VIBRO POLISHING SYSTEM - a technique for automating the mechanical and chemical finishing of diverse shaped items	**13.415**	**11.403**	**2.012**	**7.982**
242	IIMT University Meerut	Uttar pradesh	Sandeep Kumar Verma	Start Up /Employed/Others	Solar Tree- an artificial solar structure that looks like sculptural trees and exists from small scale (size of a bonsai tree) to large scale (about the size of a wind turbine) power plant. It is an independent unit that produces green energy and provides a place of comfort and energy for a wide variety of services	**14.700**	**12.495**	**2.205**	**8.747**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

243	Sona College of Technology	Tamil nadu	AdeshVijayaraghavan	Student	Fabrication of IOT Based Hydrophobic Coating Kit using Acid Erosion Method- to manipulate IoT based system for acid etching and to promote superhydrophobic surface with greater surface finish for the material	**15.000**	**15.000**	**0.000**	**10.500**
244	Nehru Institute of Technology	Tamil nadu	Srinivasan S	Start Up /Employed/Others	Automated Items Dispenser using UPI and IoT	**15.000**	**12.750**	**2.250**	**8.925**
245	Sharda University	Uttar pradesh	sudhanshu sharma	Student	Smart Battery Management System for large Battery / EVs with Controller Area Network(CAN) , Individual Cell Monitoring and Active Balancing	**15.000**	**15.000**	**0.000**	**10.500**
246	Nandha Engineering College	Tamil nadu	Krishna Gandhi Pachiappan	Start Up /Employed/Others	Smart Solar Waste Segregation and Management System using Internet of Things	**14.750**	**12.538**	**2.212**	**8.777**
247	Mallareddy Engineering College For Women	Telangana	Kousurisai Bharathviswapavan	Entrepreneurs/MSME	Ghatak Robot - s a semi autonomous robot which is intended to operate in Counter insurgency	**14.300**	**12.155**	**2.144**	**8.509**
248	University College of Technology	Telangana	ThatiJyothi	Start Up /Employed/Others	Waste water treatment electricity production using Microbial fuel cell -to treat industrial	**15.000**	**12.750**	**2.250**	**8.925**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					waste /organic waste and generate electricity.				
249	Dr MGR Educational and Research Institute	Tamil nadu	Jawahar Prakash M	Student	DUAL FILAMENT EXTRUDER IN 3D PRINTING WITH DUAL HOT END EXTRUSION - A dual extruder 3D printer is an FDM-type 3D printer with two extruders. Each extruder can print with a different filament material.	**15.000**	**15.000**	**0.000**	**10.500**
250	CMR Engineering College	Telangana	Ankireddy Palli Srinivasula Reddy	Start Up /Employed/Others	Device to Improve Switching Speed and Provide Better Sensitivity at Low Frequencies	**15.000**	**12.750**	**2.250**	**8.925**
251	Association Of Lady Entrepreneurs Of India	Telangana	JammalamadakaAmarnath	Entrepreneurs/MSME	Automatic Food Cooking Machine - Buchuk	**20.000**	**12.750**	**7.250**	**8.925**
252	ST. Martins Engineering College	Telangana	Sirasala Naveen	Student	Plastic Pavement Blocks	**11.000**	**11.000**	**0.000**	**7.700**
253	Sagi Rama Krishnam Raju Engineering College	Andhra pradesh	Bhamaidipati V N S Ss R Maheedhar	Student	Drones In Disaster Management	**8.000**	**8.000**	**0.000**	**5.600**
254	Velammal Institute of Technology	Tamil nadu	Shanmugaraj G	Start Up /Employed/Others	A Laser stimulated touch responsive frame for non-touch screen laptops	**5.500**	**4.676**	**0.826**	**3.273**
255	K.S.Rangasamy College Of Technology	Tamil nadu	Sheeba M	Student	SAFE TECH PEN -The gadget is mainly proposed for	**7.300**	**7.300**	**0.000**	**5.110**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

					women's safety used in emergency times to get rid of the intruders				
256	Madanapalle Institute of Technology and Science	Andhra pradesh	Sharwan Ram	Start Up /Employed/Others	Unmanned Aerial System for acquisition of crime evidences	**9.730**	**8.270**	**1.459**	**5.789**
257	Government Engineering College Thrissur	Kerala	Arun Thomas	Start Up /Employed/Other	Intelligent Shopping Trolley	**5.000**	**4.250**	**0.750**	**2.975**
					Total	**3890.982**	**2963.676**	**927.306**	**2074.573**

Note : Funds concurred by IFW = Rs. 2074.573 Lakh

Funds available as per BE = 2057.100Lakh
Funds released at this stage = 2057.000Lakh
Balance Fund will be released in due course of time= Rs. 17.573 Lakh .

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

ACHARYA INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi,
Recognized by Govt. of Karnataka and Accredited by NBA
(AE, BT, CSE, ECE, ME, MT)

सत्यमेव जयते
GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

MSME Nodal Center

MSME Idea Hackathon 2.0
Selection Committee
Proposal Received
Submission of the Proposal
Sample Copy of Submission

October 2022

ACHARYA INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi and Accredited by NBA and NAAC)

Letter/File No 2/2022-23.

Date: 9/12/2022

MSME Idea Hackathon 2.0

Constitution of ACHARYA INSTITUTE OF TECHNOLOGY 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 2.0 (as per the guidelines of MSME Innovative Scheme and guidelines for participation in MSME Idea Hackathon 2.0 & mandate) organized between 2nd October 2022 –14th November 2022 by Ministry of MSME for further uploading on the MSME Innovative MIS Portal.

S. No.	Expert Category (Entrepreneur, Academician, Sector Expert,Tech. Expert....)	Name, Designation & Organization
1	Academician, Head HI,	Dr. Rajath Hegde, Principal Acharya Institute of Technology Bengaluru
2	Software expert and administrator	Prof. Marigouda C. K, Vice principal, Acharya Institute of Technology Bengaluru
3	Subject Expert & Govt representative	Mr. Shivakumar A, Assistant Director MSME Bengaluru
4	IPR & Entrepreneur	Mrs. Sheethal Suryaprakash, Director, Iknowventia Judicium IPR JP Nagar Bengaluru
5	Head Incubation Centre, ED cell Coordinator	Dr. Pakkirappa H Acharya Institute of Technology Bengaluru
6	Startup Club Head AIT	Dr. Ramesh Hegde, Acharya Institute of Technology Bengaluru

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Signature of the Head of the Institute

Principal
Acharya Institute of Technology
Soladevanahalli, Bangalore-560 107

Subject: Minutes of the Meeting of **Acharya Institute of Technology**, Screening & Evaluation Committee for short listing of Ideas received under MSME Idea Hackathon 2.0

A meeting was held on 9th December 2022 from 10:30AM to 4:30 PM at MBA Seminar Hall, Acharya Institute of Technology, Bengaluru with the following members constituting the Screening & Evaluation Committee at **Acharya Institute of Technology**, level for short listing of Ideas received under MSME Idea Hackathon 2.0.

Sl.No.	Expert Category	Name, Designation &Organization	Signature
1	Academician, Head HI,	Dr. Rajath Hegde, Principal, Acharya Institute of Technology, Bengaluru	
2	Software Expert and Administrator	Prof. Marigouda C K, Vice Principal, Acharya Institute of Technology, Bengaluru	
3	Subject Expert & Govt Representative	Mr. Shivakumar A, Assistant Director, MSME, Bengaluru	9/12/22
4	IPR & Entrepreneur	Mrs.Sheethal Suryaprakash, Director, Iknowventia Judicium IPR, JP Nagar, Bengaluru	
5	Head Incubation Centre, ED Cell Coordinator	Dr.Pakkirappa H, Acharya Institute of Technology, Bengaluru	
6	Startup Club Head, AIT	Dr.Ramesh Hegde, Acharya Institute of Technology, Bengaluru	9/12/2022

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

1. Details of all ideas received at HI Level in MSME Idea Hackathon 2.0 as per the following Format.

Sl. No	Reference No.	Title of Idea
1	INC22BKR008244	Low Cost Portable Biochar Pyrolysis Machine
2	INC22BKR011436	Hygienic Biodegradable Tablewares From Hybrid Bagasse As Plastic Substitute and as Animal Feed
3	INC22BKR010617	Health We - Digital Health Integration
4	INC22BKR018838	JieSPac-Eco Friendly Used Sanitary Pad Disposable Devices
5	INC22BKR016296	E-Waste Management
6	INC22BKR012063	Development of an Automated Charging Solution for Electric Vehicles
7	INC22BKR011012	Organic Composting
8	INC22BKR008205	Low Cost IOT Kit for Early Detection of Defects in Building Structures
9	INC22BKR007896	Low Cost Water Filter Straw
10	INC22BKR018541	SmartPkit-PPE Kit
11	INC22BKR015113	Digital BOT to Monitor and Train ASD(Autism Spectrum Disorder) Patient
12	INC22BKR016235	Alternative Material for Single Use Plastic (SUP)
13	INC22BKR015894	Software for Super Accelerated Stability Studies of Medicinal Products
14	INC22BKR017689	Hybrid System for Sustainable Public Transport System
15	INC22BKR015903	Electronic Prescription Generation and Management Software
16	INC22BKR018539	Agri Sani Pads
17	INC22BKR006360	Saklecha Healthcare Private Limited
18	INC22BKR013253	Early Diagnosis of Diseases Through Biomarker Using Breath Analyse
19	INC22BKR013602	Sustainable Bricks Using Industrial Waste
20	INC22BKR010966	HOLOVISION - A Mixed Reality Based Diagnosis Tool For Patient Centric Healthcare
21	INC22BKR017501	Semi Automatic Cutting Tool Recycling Machine
22	INC22BKR015875	Online Medicine Purchasing Platform (Website App) with Medicine Price Bidding and Delivery of Medicine
23	INC22BKR010914	Injectable Dosage form of Fixed Dose Combination Antimalarial Drug

2. Details of the final recommended & not recommended Ideas at HI Level in MSME Idea Hackathon 2.0 as per the following Format.

Sl. No.	Reference No.	Title of Idea	Final Decision (Recommended/Not Recommended)	Proper Justificationfor Final decision
1	INC22BKR015113	Digital Bot To Monitor And Train ASD Patient	Recommended	More useful to ASD patients especially children
2	INC22BKR011436	Hygienic Biodegradable Tablewares From Hybrid Bagasse As Plastic Substitute And As Animal Feed	Recommended	Alternative to plastic using Agri -waste
3	INC22BKR018838	Jicspac-Eco Friendly Used Sanitary Pac Disposable Devices	Recommended	Useful to women and child care to reduce the municipal waste
4	INC22BKR008205	Low Cost IOT Kit For Early Detection Of Defects In Building Structures	Recommended	Helpful in detecting the building defects
5	INC22BKR018539	Agri Sani Pads	Recommended	Alternative to existing pads and uses Agri-waste
6	INC22BKR008244	Low Cost Portable Biochar Pyrolysis Machine	Recommended	Uses Agri-waste as alternative fuel

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

7	INC22BKR013253	Early Diagnosis Of Diseases Through Biomarker Using Breath Analyse	Recommended	Preventive system for patients of early diagnosing
8	INC22BKR018541	SmartPkit-PPE Kit	Recommended	Useful in fire fighting services, hospitals and mines as a protection kit
9	INC22BKR010966	HOLOVISION : A Mixed Reality Based Diagnosis Tool For Patient Centric Healthcare	Recommended	Useful diagnosing tool
10	INC22BKR016296	E-Waste Management	Recommended	Reduces electronic waste
11	INC22BKR010617	Health We - Digital Health Integration	Not Recommended	Not viable
12	INC22BKR012063	Development Of An Automated Charging Solution For Electric Vehicles	Not Recommended	Not feasible
13	INC22BKR011012	Organic Composting	Not Recommended	No clarity
14	INC22BKR007896	Low Cost Water Filter Straw	Not Recommended	No clarity
15	INC22BKR016235	Alternative Material For Single Use Plastic (SUP)	Not Recommended	No clarity
16	INC22BKR015894	Software For Super Accelerated Stability Studies Of Medicinal Products	Not Recommended	Not feasible
17	INC22BKR017689	Hybrid System For Sustainable Public Transport System	Not Recommended	No clarity , similar thing already existing
18	INC22BKR015903	Electronic Prescription Generation And Management Software	Not Recommended	Not viable
19	INC22BKR006360	Saklecha Healthcare Private Limited	Not Recommended	No novelty
20	INC22BKR013602	Sustainable Bricks Using Industrial Waste	Not Recommended	Already existing
21	INC22BKR017501	Semi Automatic Cutting Tool Recycling Machine	Not Recommended	Already existing in market
22	INC22BKR015875	Online Medicine Purchasing Platform (Website App) With Medicine Price Bidding And Delivery Of Medicine	Not Recommended	No novelty
23	INC22BKR010914	Injectable Dosage Form Of Fixed Dose Combination Antimalarial Drug	Not Recommended	No clarity

Signature of Head of the Institute

Principal
Acharya Institutes of Technology
Soladevanahalli, Bangalore-560 107
Stamp

Signature of Convener

&

ACHARYA INSTITUTE OF TECHNOLOGY
Dr. SARVEPALLI RADHAKRISHNAN MARG,
Soldevanahalli Bangalore-560 107
Stamp

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

October 2022 list of Proposal Received.

Government of India
Ministry of Micro, Small & Medium Enterprises

Incubation

Back

Show 100 entries

Search:

S.No.	Reference No.	Name	State	Submitted Date	Status	View
1	INC22BKR006360	SAKLECHA HEALTHCARE PRIVATE LIMITED	KARNATAKA	11/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=6360)
2	INC22BKR011436	LOKESH D	KARNATAKA	14/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=11436)
3	INC22BKR018541	CHANDAN M N	KARNATAKA	14/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=18541)
4	INC22BKR010617	KIRAN N	KARNATAKA	14/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=10617)
5	INC22BKR007896	Brijesh Kumar Malekopmath	KARNATAKA	13/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=7896)
6	INC22BKR018838	JAHNAVI K R	KARNATAKA	14/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=18838)
7	INC22BKR015894	Sanjay G	KARNATAKA	12/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=15894)
8	INC22BKR010914	Akshay trivedi n	KARNATAKA	14/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=10914)
9	INC22BKR008205	SUMIT SINGHA CHOWDHURY	KARNATAKA	13/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=8205)
10	INC22BKR013602	P Rashi	KARNATAKA	15/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=13602)

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

S.No.	Reference No.	Name	State	Submitted Date	Status	View
11	INC22BKR010966	Sai Ayush	KARNATAKA	14/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=10966)
12	INC22BKR016296	Tarun J	KARNATAKA	13/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=16296)
13	INC22BKR015903	Sanjay G	KARNATAKA	12/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=15903)
14	INC22BKR018539	JAHNAVI K R	KARNATAKA	14/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=18539)
15	INC22BKR015113	Bhuvanesh Nagaral	KARNATAKA	09/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=15113)
16	INC22BKR008244	Sanjay M N	KARNATAKA	13/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=8244)
17	INC22BKR016235	Ashish k s	KARNATAKA	12/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=16235)
18	INC22BKR017689	SUMIT SINGHA CHOWDHURY	KARNATAKA	14/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=17689)
19	INC22BKR012063	Dawn Mathew Mathew	KARNATAKA	14/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=12063)
20	INC22BKR011012	N BHUSHAN	KARNATAKA	14/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=11012)
21	INC22BKR015875	Sanjay G	KARNATAKA	12/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=15875)
22	INC22BKR013253	V Lokesh	KARNATAKA	14/10/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=13253)
23	INC22BKR017501	Sandeep K	KARNATAKA	14/11/2022	This Idea not selected	Detail (ViewSecondHackathonAppDeta HAKID=17501)

Showing 1 to 23 of 23 entries

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Submitted List

October 2022 Submission List.

Government of India
Ministry of Micro, Small & Medium Enterprises

Incubation

Back

Show 10 entries

Search:

S.No.	Incubatee name	State	District	Submitted Date	Status	View
1	SAI AYUSH	KARNATAKA	BENGALURU (URBAN)	14/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=8897&Tpage=ALL)
2	Bhuvanesh Nagaral	KARNATAKA	BENGALURU (URBAN)	14/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=9054&Tpage=ALL)
3	JAHANAVI K R	KARNATAKA	BENGALURU (URBAN)	14/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=8642&Tpage=ALL)
4	JAHANAVI K R	KARNATAKA	BENGALURU (URBAN)	14/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=8735&Tpage=ALL)
5	SUMIT SINGHA CHOWDHURY	KARNATAKA	BENGALURU (URBAN)	14/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=8563&Tpage=ALL)
6	Tarun J	KARNATAKA	BENGALURU (URBAN)	20/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=10407&Tpage=ALL)
7	V LOKESH	KARNATAKA	BENGALURU (RURAL)	14/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=9497&Tpage=ALL)
8	CHANDAN M N	KARNATAKA	BENGALURU (URBAN)	14/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=9363&Tpage=ALL)
9	Lokesh D	KARNATAKA	BENGALURU (URBAN)	14/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=9222&Tpage=ALL)
10	Sanjay M N	KARNATAKA	BENGALURU (URBAN)	14/12/2022	This Idea not selected	Detail (HackathonTwoIdeaPrint.aspx?AppID=9600&Tpage=ALL)

Showing 1 to 10 of 10 entries

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

October - 2022 Sample Copy of submission.

Reference No. :- **IDEAKR008642**

1. Details of Incubatee:

1.1 Details of the Host Institute (HI)	ACHARYA INSTITUTE OF TECHNOLOGY , ACHARYA INSTITUTE OF TECHNOLOGY, Dr. SARVEPALLI RADHAKRISHNAN ROAD, SOLDEVANAHALLI ACHIT NAGAR POST BENGALURU-560107 , 08022555555 , principalait@acharya.ac.in , 9448864740	**1.2 Name of the Business Incubator (BI)**	PAKKIRAPPA H , ASSOCIATE PROFESSOR , pakkirappa@acharya.ac.in , 9448615407
1.3 Category of the Incubatee	Student	**1.4 Incubatee Name**	JAHANAVI K R
1.5 State	KARNATAKA	**1.6 District**	BENGALURU (URBAN)
1.7 Email Id	janukr30@gmail.com	**1.8 Mobile Number**	9980053092
1.9 Category	OBC	**1.10 Gender**	Female
1.11 Address	D/O RAMAKRISHNA K B, L I G 31/C, 3RD CROSS, KUVEMPU NAGAR, OPP CANARA BANK, HASSAN , ALOR, HASSAN, KARNATAKA		

2. Details of Idea:

2.1 Title of proposed idea/innovation	Agri sani pads
2.2 Whether the idea involves use of existing intellectual property or not, give brief detail there of	NO IDEA IS A MODIFIED IN MAKING THE EXISITING SANITARY PADS.
2.3 Briefly explain newness/uniqueness of the innovation	Lot of Areca fruit bunch fibers and nut fibers are unused . these fibers are high water absorbent fibers. they can be used as an a sanitary pad materials separately or blended with the other agriculture waste fibers
2.4 Concept & Objective	To use the agriculture waste into bio sanitary pads
2.5 Specify the potential areas of application in industry/market in brief	Health care industry Agriculture industry
2.6 Briefly provide the market data for the potential idea/ innovation	In India more than 4 lakh hectares of araca crop is cultivated nearly 5,500 million araca leaves are shredded which is equal to the number of fruit bunches. the raw materials required for 100 bunches of araca leaves and fruit bunches. Therefore leaf sheath and fruit bunch have some value has they have been used in table wares such as plate, spoon making etc. Extracting the fibres from these parts of the areca plant, requires fibre extracting machine, processing unit drying unit and pressing machine. This also requires testing, calibration and trial run on end user.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

2.7 Name and details of Mentors	Mrs. Shashikala A, Assistant Professor, Acharya Institute of Technology	**2.8 Experience and Qualification of Mentors**	10 years, M.Tech (Phd)
2.9 Contact Details of Mentors	8970343926	**2.10 Current Development Status of innovation**	Collection of data , identification of resources material, methodology and design planning has been done
2.11 Expected time of completion of idea	1 year	**2.12 Idea Theme**	Waste to Wealth creation, Circular solutions & waste management
2.13 Idea Sector	Miscellaneous Sector (Environment, Forests, Water & Sanitation; Foods, Beverages, FMCG, Consumer Goods; Infrastructure, Construction, Housing; IT, ITES, Electronics, White Goods, Telecommunication; Metals, Engineering, Machinery, Automation and Transportation, Automotive, E Vehicles, Railways, Aviation, UAV and any other sub-sector)		

3. Financial requirements:

3.1 Activity-wise break

Particular/Item	Total idea project cost (Rs. In lakh)	Amount GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)
Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material , testing/Calibration charges, other charges essential for development of idea **Max (10.00) lakh.**	10.000	10.000	0.000
Charges for mentor/handholding supporting team **Max (3.00) lakh.**	3.000	3.000	0.000
Travelling Expenses or any other item not coverd as above may be allowed as per need for development of the idea **Max (2.00) lakh.**	2.000	2.000	0.000
Total	15.000	15.000	0.000

4. Other students/Entrepreneurs associated with this project/idea

Name	Aadhar No/Udhyog Aadhar No/Udyam Registration
SANKIRNA GOPI MOTTALLI	348118XXXXXX
CHARAN RAJ R	527390XXXXXX
AMARNATH N	226540XXXXXX

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Ref. No.	INC22BKR018838	**5. Summary of the idea. This is the section reviewers read to understand the technical solution. Please state the solution clearly. Reviewers may ask: What is the actual technical advancement or improvement provided by this solution?**	ARECA fruit bunch fibers and fruit fibers are more liquid absorbent is left unused in agricultural waste . this can be used for fabrication of sanitary pads using modified technology which is mentioned in the file.
6 (a) Is it a new concept?		YES	
(b) Prior art on the concept, if any	Yes similar kind of manufacturing of sanitary pads has been studied	**7. Main Problem Being Addressed in the Project (Every solution targets a certain problem. Please use this section to highlight the specific problem the solution addresses. This section can be as short or as long as needed to describe the precise problem the solution addresses)**	Yes preparation of the pads has been implemented in making the fibers to suit the cost effective requirement of the pads.
8. Background for getting the idea?			
a. Who is it for?	Women , children and senior citizens	**b. What will it do?**	reduces the waste helps in women and children sector cost reduction
c. Any unique features? Explain?	Preparation of the pads using fibers with a due consideration after testing / trails.	**9. How simple or complex will the idea's execution or implementation be? What are the risk factors involved in executing the idea?**	machine is made to extract the fibers according to the requirements of the newly planned pads
10. How soon could the idea be put into operation? (TRL of prototype)	1 year	**11. How much investment would you need for prototyping of the Idea?**	Including machinery , manufacturing, testing, and evaluation 15 lakhs

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

12. (a) How do you intend to protect your idea (i.e. your intellectual property or IP)? Status of IPR (If any)	Patent will be applied after testing	**(b) Related Background This section is used to highlight information that can be used by the reviewers or patent attorney to help put the solution in proper context. You can think of this section as something similar to the introduction section of an academic publication. This section is specifically reserved for other people's work (please include competitive work) as well as your past work that you believe will aid the reviewers in understanding the technical landscape. Data related to or supporting your solution should NOT be in this section, it should be in Section III: "How is this Solution Made and Used."**	Extensive work and study has been done related to areca fibers as well as existing pads , and cost effectiveness hygienic areca pads

13.How is This Project Made and Used: Please describe in as much detail as possible how the innovation is implemented. This includes details on how you actually make, assemble, synthesize, or build the solution and details on how the solution is used once it is made. Reviewers will ask: How does the technical innovation actually work – or – what is the detailed process to achieve the technical innovation? Please help convince the reviewers with supporting statements using as much of the following that is available: your thoughts, logic, supporting literature, and/or experiments.	Agricultural fibers are extracted from areca as a resource materials prepared according to the requirement of the fluid absorption level of the sanitation.
Upload Block diagram/ flow chart/ Circuit Diagram/Pictures	View/Download
Uploaded Minutes of the Selection Committee	View/Download
Student Id / bonafide certificate duly certified by HI	View/Download
Remark	Thank you for participating in MSME Idea Hackathon 2.0 (Theme Based). The evaluation process has been completed and 276 Ideas are supported. The list is available at click here (https://my.msme.gov.in/inc/Hackathon_Result.aspx)

I declare that:

1. **I have read the entire scheme guidelines and shall abide by all the requirements stipulated therein for seeking financial assistance.**
2. **I hereby declare that information given above is true to the best of my Knowledge and that I have not withheld/distorted any material fact.**
3. **Any information/ documents that may be required to be verified shall be provided immediately before the concerned authority.**
4. **I hereby declare that I have not availed any financial assistance for this purpose from any other scheme from any Central/ State govt. agency.**
5. **In case the Idea is approved, Host Institute would undertake to make facilities available to carry out the development arrange for the submission of periodic progress reports and other information that may be required by the Ministry.**

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

ACHARYA INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi,
Recognized by Govt. of Karnataka and Accredited by NBA
(AE, BT, CSE, ECE, ME, MT)

सत्यमेव जयते
GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

MSME Nodal Center

MSME Idea Hackathon 3.0 (Women)
Selection Committee
Proposal Received
Submission of the Proposal
Selected Proposal

August 2023
Women Hackathon 3.0

ACHARYA INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi, Govt. of Karnataka. Approved by AICTE, New Delhi and Accredited by NBA and NAAC)

Letter/File No2/AITTBI/2023

Date:31.08.2023

MSME Idea Hackathon 3.0(Women)

Constitution of Screening & Evaluation Committee for all *Sectors*

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 3.0 (Women) (as per the guidelines of MSME Innovative Scheme and guidelines for participation in MSME Idea Hackathon 3.0 (Women)) organized between 27th June 2023 – 10thAugust 2023 by Ministry of MSME for further recommending on the MSME Innovative MIS Portal.

S.No.	Expert Category (Entrepreneur, Academician, Sector Expert,Tech.Expert....)	Name, Designation & Organization
1	Academician	Dr. Rajath Hedge M M, Principal, Acharya Institute of Technology, Bengaluru-560107
2	Academician	Mr. Marigowda C K, Vice Principal, Acharya Institute of Technology, Bengaluru-560107
3	MSME delegate	Mr. Shivakumar A ,Assistant Director DCMSME Rajajinagar, Bengaluru
4	Sector Expert – Entrepreneur and IPR	Mrs. Sheethal Surya Prakash, Founder IPR Attorney, Iknowventia Ltd
5	Sector Expert - Health care	Dr. Justin Jeya Amutha, Assistant Director Research, Acharya Institutes
6	Sector Expert –Agriculture	Dr.Sumathi R B, HoD Chemistry Dept. Acharya Institute of Graduate Studies, Bengaluru-560107
7	Sector Expert - Services	Dr. Jagan Mohan B, Acharya school of Architecture Institute of Technology, Bengaluru-560107
8	Incubator Head	Dr.Pakkirappa H, Acharya Institute of Technology, Bengaluru-560107

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
Soldevanahalli, Bangalore-560 107

(Signature of the Head of the Institute)

Subject: Minutes of the Meeting of Screening & Evaluation Committee for short listing of Ideas received under MSME Idea Hackathon3.0 (Women) by *ACHARYA INSTITUTE OF TECHNOLOGY*

A meeting was held on 31.08.2023 at 10.00 AM to 5.00 PM at Seminar Hall Mechanical Block with the following members constituting the Screening & Evaluation Committee at Host Institute level for short listing of Ideas received under MSMEIdeaHackathon3.0 (Women).

S.No.	Expert Category (Entrepreneur, Academician, Sector Expert,Tech.Expert....)	Name, Designation& Organization	Signature
1	Academician	Dr. Rajath Hedge M M, Principal, Acharya Institute of Technology, Bengaluru-560107	31/8/23
2	Academician	Prof. Marigowda, Vice Principal, Acharya Institute of Technology, Bengaluru-560107	—
3	MSME delegate	Mr. Shivakumar A Assistant Director, DCMSME Rajajinagar, Bengaluru	—
4	Sector Expert – Entrepreneur and IPR	Mrs. Sheethal Surya Prakash, Founder , IPR attorney, Iknowventia ltd	
5	Sector Expert - Health care	Dr. Justin Jeya Amutha, Assistant Director Research, Acharya institutes	31/8/23
6	Sector Expert –Agriculture	Dr.Sumathi R B, HoD Chemistry Dept. Acharya Institute of Graduate Studies, Bengaluru-560107	
7	Sector Expert - Services	Dr. Jagan Mohan B Acharya school of architecture.Institute of Technology, Bengaluru-560107	
8	Incubator Head	Dr.Pakkirappa H Acharya Institute of Technology, Bengaluru-560107	

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

9	INC23CKR037131	NAVYA SREE K S	INSTANT RELIEF MOUTH MELTS FOR DYSMENORRHEA	RECOMMENDED Useful for dysmenorrhea problems
10	INC23CKR026072	BRUNDA G S	AMMANA ANURAGA-COOKING SKILLS	RECOMMENDED Newness in cooking and serving with Artificial Intelligence
11	NC23CKR035645	DR.SUJATHA B M	QUALITY ANALYSIS AND SEGREGATION OF OILSEEDS USING IMAGE PROCESSING	RECOMMENDED New method of image processing
12	INC23CKR030765	DR. REKHA C M	INTELLIGENT HEALTH MONITORING FOR INFANTS	RECOMMENDED Digitizing of infants data with the help of mother
13	INC23CKR034110	KAVITHA NAIR	INTELLISIM NEXT-GENERATION INTERACTIVE TRAINING AND RESEARCH PLATFORM	RECOMMENDED Intelligent education platform
14	INC23CKR031957	SUMA C	EFFICIENT GROWTH AND RESOURCE OPTIMIZATION A COMPREHENSIVE AUTOMATED AQUAPONICS SYSTEM	RECOMMENDED Optimization of aquaponics system
15	INC23CKR033878	G.NIVETHA	HYGIENEMAPX - MAPPING SANITARY FACILITIES MADE SIMPLE	RECOMMENDED Easy accessibility of sanitary pads
16	INC23CKR023931	SAMIKSHA	PINK- EMPOWING WOMEN HEALTH AND WELLNESS	RECOMMENDED A solution for women care
17	INC23CKR034281	KUMBHAR TRUPTI RAVIKUMAR	SALINE MONITORING SYSTEM	RECOMMENDED Novel idea for alert system in hospitals
18	INC23CKR023348	MALIKA NAUSHAD	KRISHI MITRA	RECOMMENDED User friendly data accessibility for farmers
19	INC23CKR027426	SRIJANI M	PET APP	RECOMMENDED A solution for monitoring of pets
20	INC23CKR027553	SRIJANI M	AI EVALUATOR FOR EXAM EVALUATION	RECOMMENDED User friendly evaluator system

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
Soldevanahalli, Bangalore-560 107

1. Summary of all Ideas received at HI Level under MSME Idea Hackathon3.0 (Women) as per the following Format.

Total Number of Ideas Received	Number of Ideas Recommended	Number of Ideas not Recommended
45	28	17

2. Details of the final recommended Ideas only at HI Level under MSME Idea Hackathon 3.0 (Women) as per the following Format.

Sl. No	Reference No. of Incubatee	Incubatee Name	Title of Idea	Proper Recommendation & Justification for final decision
1	INC23CKR037717	MADHAVI B L R	DESIGN AND DEVELOPMENT OF TABLET/CAPSULE REMOVAL DEVICE FROM BLISTER/ STRIP/ ALU-ALU PACKAGING	RECOMMENDED Useful for capsule removing
2	INC23CKR037608	LEKHANA SATEESH	DESIGN AND DEVELOPMENT OF LIFE SAVING BOT IN BATTLE FIELDS	RECOMMENDED Lifesaving robot useful to military
3	INC23CKR023572	NIKITA KAR CHOWDHURY	DEVELOPMENT OF A HIGHLY SENSITIVE BATIO3-BASED SENSOR FOR MONITORING AIR POLLUTION	RECOMMENDED New method for air pollution monitoring
4	INC23CKR033677	J JOYSA RUBY	NANO-INNOVATION FOR GLAUCOMA CARE IN SITU GELLING NANOCARRIERS REDEFINING TREATMENT STRATEGIES	RECOMMENDED Suitable for treatment using Nano carriers
5	INC23CKR029738	KALPANA MISHRA	TRANSFORMING HEALTHCARE FOR A HEALTHIER FUTURE INNOVATING PHARMACEUTICAL SOLUTIONS	RECOMMENDED Useful in Pharmaceutical industry
6	INC23CKR033853	SHRIMUKHI G SHASTRY	DESIGN, DEVELOPMENT AND ANALYSIS OF REVERB THROUGH COMPOSITE MATERIALS	RECOMMENDED Novel method in fabrication of musical instruments
7	INC23CKR036218	JAHNAVI K R	COMPOUND ORGANIC COMPOST MAKER WITH ALL IN ONE PLANTER (SANGHYA)	RECOMMENDED Effective waste utilization and home gardening
8	INC23CKR035999	NISHCHITHA MH	AAEENA - VIRTUAL FASHION MIRROR	RECOMMENDED Useful in women safety

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
Soldevanahalli, Bangalore-560 107

21	INC23CKR027379	SHREYA SINGH	SMART MEDICAL MACHINE	RECOMMENDED Intelligent medicine vending machine
22	INC23CKR035873	SPURTHI P	UNIVERSAL LIFE SAVER VEHICLE(ULSV)	RECOMMENDED Integrated solution for rescue situation
23	INC23CKR025323	RISHITA VITHAL KULKARNI	BIOMETRIC HEALTHCARE ANALYSIS DEVICE USING MULTILINGUAL DISPLAY AND SPEECH CONVERSION	RECOMMENDED A Local solution for biometric understanding
24	INC23CKR034405	PRANITA NIRAJ PALSAPURE	AUTOMATED MULTIPURPOSE CONTROL SHIELD FOR HORTICULTURE PLANTATION	RECOMMENDED An added automated solution for horticulture plantation
25	INC23CKR033723	YASHASWINI M	GO EASY FOR AMBULANCE	RECOMMENDED Time saving solution for patient carrying ambulance
26	INC23CKR027873	RIMI KUMARI JHA	E-WASTE MANAGEMENT THROUGH AN APP	RECOMMENDED AI based E-waste management solution
27	INC23CKR035187	DR.KUSUMA DEVI.G.H	BRAIN WAVE CONTROLLED WHEEL CHAIR FOR DISABLED	RECOMMENDED AI incorporated brain wave controlled wheelchair
28	INC23CKR033761	KUMARI SHIVYANSHI	PAWOVE- PLATFORM INTRODUCES A NOVEL APPROACH TO ANIMAL WELLNESS	RECOMMENDED An alert system for animal care

PRINCIPAL
Signature of the Head of the Institute
ACHARYA INSTITUTE OF TECHNOLOGY
Soldevanahalli Bangalore-560 107

Signature of Convener
ACHARYA INSTITUTE OF TECHNOLOGY
Soldevanahalli Bangalore-560 107

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Women Hackathon 3.0 received proposal, August 2023

Government of India
Ministry of Micro, Small & Medium Enterprises

Incubation

Back

S.No.	Reference No.	Name	State	Category of the Incubatee	Submitted Date	Status	Vi
1	INC23CKR035873	SPURTHI P	KARNATAKA	Other	10/08/2023	This Idea not selected	De (Vi HA
2	INC23CKR035187	Dr.kusumadevi.G.H	KARNATAKA	Other	10/08/2023	This Idea not selected	De (Vi HA
3	INC23CKR030758	Dr.kusumadevi.G.H	KARNATAKA	Other	05/08/2023	This Idea not selected	De (Vi HA
4	INC23CKR027513	Srijani M	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
5	INC23CKR028750	Haleema Najiha	KARNATAKA	Student	19/07/2023	This Idea not selected	De (Vi HA
6	INC23CUP033765	Kumari Divyanshi	UTTAR PRADESH	Student	09/08/2023	This Idea not selected	De (Vi HA
7	INC23CKR027553	Srijani M	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
8	INC23CKR034405	Pranita Niraj Palsapure	KARNATAKA	Other	10/08/2023	This Idea not selected	De (Vi HA
9	INC23CKR023348	MALIKA NAUSHAD	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
10	INC23CKR033969	Manyatha P	KARNATAKA	Student	10/08/2023	This Idea not selected	De (Vi HA
11	INC23CKR024245	MALIKA NAUSHAD	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

S.No.	Reference No.	Name	State	Category of the Incubatee	Submitted Date	Status	Vi
12	INC23CKR027596	Srijani M	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
13	INC23CKR037717	MADHAVI B L R	KARNATAKA	Other	10/08/2023	This Idea not selected	De (Vi HA
14	INC23CKR035645	Dr.Sujatha B M	KARNATAKA	Other	10/08/2023	This Idea not selected	De (Vi HA
15	INC23CKR030765	Dr. REKHA C M	KARNATAKA	Other	05/08/2023	This Idea not selected	De (Vi HA
16	INC23CKR022777	Chandana B	KARNATAKA	Student	10/07/2023	This Idea not selected	De (Vi HA
17	INC23CKR027472	Srijani M	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
18	INC23CKR030380	Lekshmi M	KARNATAKA	Other	03/08/2023	This Idea not selected	De (Vi HA
19	INC23CKR030280	Celsi Marcina A	KARNATAKA	Student	03/08/2023	This Idea not selected	De (Vi HA
20	INC23CKR033853	Shrimukhi G Shastry	KARNATAKA	Entrepreneurs/MSME	10/08/2023	This Idea not selected	De (Vi HA
21	INC23CKR027426	Srijani M	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
22	INC23CKR036218	JAHNAVI K R	KARNATAKA	Student	10/08/2023	This Idea not selected	De (Vi HA
23	INC23CKR026072	Brunda G S	KARNATAKA	Other	11/07/2023	This Idea not selected	De (Vi HA
24	INC23CKR033878	G.Nivetha	KARNATAKA	Student	10/08/2023	This Idea not selected	De (Vi HA

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

S.No.	Reference No.	Name	State	Category of the Incubatee	Submitted Date	Status	Vi
25	INC23CKR027619	Srijani M	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
26	INC23CKR035999	Nishchitha MH	KARNATAKA	Other	10/08/2023	This Idea not selected	De (Vi HA
27	INC23CKR031957	Suma C	KARNATAKA	Other	08/08/2023	This Idea not selected	De (Vi HA
28	INC23CKR032793	Dr.JAYALAXMI H	KARNATAKA	Other	09/08/2023	This Idea not selected	De (Vi HA
29	INC23CKR033761	Kumari Shivyanshi	KARNATAKA	Student	09/08/2023	This Idea not selected	De (Vi HA
30	INC23CKR027379	Shreya Singh	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
31	INC23CKR034110	Kavitha Nair	KARNATAKA	Other	10/08/2023	This Idea not selected	De (Vi HA
32	INC23CKR037131	Navya Sree K S	KARNATAKA	Other	10/08/2023	This Idea not selected	De (Vi HA
33	INC23CKR027873	Rimi Kumari Jha	KARNATAKA	Student	11/07/2023	Approved By PMAC	De (Vi HA
34	INC23CKR024699	Samiksha	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
35	INC23CKR033723	Yashaswini M	KARNATAKA	Student	09/08/2023	This Idea not selected	De (Vi HA
36	INC23CKR029896	Shashikala	KARNATAKA	Other	01/08/2023	This Idea not selected	De (Vi HA
37	INC23CKR023931	Samiksha	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

S.No.	Reference No.	Name	State	Category of the Incubatee	Submitted Date	Status	Vi
38	INC23CKR033677	J.Joysa Ruby	KARNATAKA	Other	09/08/2023	This Idea not selected	De (Vi HA
39	INC23CKR025323	Rishita Vithal Kulkarni	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA
40	INC23CKR020716	Geethanjali N	KARNATAKA	Entrepreneurs/MSME	09/07/2023	This Idea not selected	De (Vi HA
41	INC23CKR034281	Kumbhar Trupti Ravikumar	KARNATAKA	Other	10/08/2023	This Idea not selected	De (Vi HA
42	INC23CKR037608	LEKHANA SATHEESHA	KARNATAKA	Student	10/08/2023	This Idea not selected	De (Vi HA
43	INC23CKR029738	KALPANA MISHRA	KARNATAKA	Other	31/07/2023	This Idea not selected	De (Vi HA
44	INC23CKR023572	NIKITA KAR CHOWDHURY	KARNATAKA	Other	11/07/2023	This Idea not selected	De (Vi HA
45	INC23CKR027648	Srijani M	KARNATAKA	Student	11/07/2023	This Idea not selected	De (Vi HA

Export to Excel

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Women Hackathon 3.0
Submission List.
August 2023

Government of India
Ministry of Micro, Small & Medium Enterprises

Incubation

Back

Show 50 entries

Search:

S.No.	Incubatee name	State	District	Submitted Date	Status	View
1	Pranita Niraj Palsapure	KARNATAKA	BENGALURU (URBAN)	09/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=17531&Tpage=ALL)
2	Rishita Vithal Kulkarni	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=15734&Tpage=ALL)
3	Nishchitha MH	KARNATAKA	BENGALURU (URBAN)	08/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=17316&Tpage=ALL)
4	SPURTHI P	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=15296&Tpage=ALL)
5	Kavitha Nair	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=16387&Tpage=ALL)
6	Dr.kusumadevi.G.H	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=15649&Tpage=ALL)
7	MALIKA NAUSHAD	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=16121&Tpage=ALL)
8	MADHAVI B L R	KARNATAKA	BENGALURU (RURAL)	02/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=13888&Tpage=ALL)
9	KALPANA MISHRA	KARNATAKA	BENGALURU (RURAL)	05/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=17130&Tpage=ALL)
10	Brunda G S	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx?AppID=15982&Tpage=ALL)

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

S.No.	Incubatee name	State	District	Submitted Date	Status	View
11	Samiksha	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=16228&Tpage=ALL)
12	LEKHANA SATHEESHA	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=16653&Tpage=ALL)
13	Shrimukhi G Shastry	KARNATAKA	BENGALURU (URBAN)	02/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=14579&Tpage=ALL)
14	NIKITA KAR CHOWDHURY	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=16059&Tpage=ALL)
15	JAHNAVI K R	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=15755&Tpage=ALL)
16	Dr.Sujatha B M	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=15830&Tpage=ALL)
17	J.Joysa Ruby	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=16554&Tpage=ALL)
18	Rimi Kumari Jha	KARNATAKA	BENGALURU (RURAL)	02/09/2023	Approved By PMAC	Detail (HackathonThreeIdeaPrint.aspx' AppID=13752&Tpage=ALL)
19	Srijani M	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=16341&Tpage=ALL)
20	Srijani M	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=16438&Tpage=ALL)
21	Suma C	KARNATAKA	BENGALURU (URBAN)	02/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=14363&Tpage=ALL)
22	Dr. REKHA C M	KARNATAKA	BENGALURU (URBAN)	03/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=16124&Tpage=ALL)
23	Navya Sree K S	KARNATAKA	BENGALURU (RURAL)	08/09/2023	This Idea not selected	Detail (HackathonThreeIdeaPrint.aspx' AppID=17287&Tpage=ALL)

Showing 1 to 23 of 23 entries

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Selected Proposal
Winner Hackathon 3.0

Government of India
Ministry of Micro, Small & Medium Enterprises

Incubation

Back

Reference No. :- IDEAKR013752

1. Details of Incubatee:

1.1 Details of the Host Institute (HI)	ACHARYA INSTITUTE OF TECHNOLOGY , ACHARYA INSTITUTE OF TECHNOLOGY, Dr. SARVEPALLI RADHAKRISHNAN ROAD, SOLDEVANAHALLI ACHIT NAGAR POST BENGALURU-560107 , 08022555555 , principalait@acharya.ac.in , 9448864740	**1.2 Name of the Business Incubator (BI)**	PAKKIRAPPA H , ASSOCIATE PROFESSOR , pakkirappa@acharya.ac.in , 9448615407
1.3 Category of the Incubatee	Student	**1.4 Incubatee Name**	Rimi Kumari Jha
1.5 State	KARNATAKA	**1.6 District**	BENGALURU (RURAL)
1.7 Email Id	jharimi789@gmail.com	**1.8 Mobile Number**	9771791894
1.9 Category	General	**1.10 Gender**	Female
1.11 Address	Sathanur village,kattegenahalli,bengaluru- 560063		

2. Details of Idea:

2.1 Title of proposed idea/innovation	e-waste management through an app
2.2 Whether the idea involves use of existing intellectual property or not, give brief detail there of	The idea of creating an e-waste recycling app may or may not involve the use of existing intellectual property, depending on various factors, such as the uniqueness of the apps features and technology. Heres a brief overview of both scenarios: Scenario 1: No Use of Existing Intellectual Property In this scenario, we develop the e-waste recycling app entirely from scratch without relying on existing intellectual property. Here are some key points: • Original Development: • In-House Development or Custom Solutions: • No Third-Party Intellectual Property: • Intellectual Property Creation: Scenario 2: Use of Existing Intellectual Property In some cases, you may choose to incorporate existing intellectual property into your e-waste recycling app. Here are some potential scenarios: • Third-Party Software or Frameworks: • Licensing Agreements: • Branding and Trademarks

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

2.3 Briefly explain newness/uniqueness of the innovation	The uniqueness of our idea is that it combines two important aspects of e-waste management: convenience and rewards. *On the one hand, our app makes it easy for people to dispose of their e-waste. They can simply upload a picture of their e-waste to the app, and a local vendor will come and pick it up. This is much more convenient than having to take their e-waste to a recycling center. *On the other hand, our app also rewards people for disposing of their e-waste. They can earn points for each piece of e-waste they dispose of, and these points can be redeemed for discounts on electronic products. This provides an incentive for people to dispose of their e-waste responsibly. *Another unique aspect of our idea is that you plan to collect the e-waste from the vendors and then divide it into different categories, such as thermoplastic and metal. This will make it easier to recycle the e-waste and ensure that it is disposed of properly. *Overall, our idea is a unique and innovative way to address the problem of e-waste. It is convenient, rewarding, and environmentally friendly. I believe that this app has the potential to make a real difference in the way that e-waste is managed.
2.4 Concept & Objective	*Our app would create a marketplace for e-waste. People who have e-waste to dispose of would be able to upload a picture of their e-waste to the app and set a price. Local vendors who collect e-waste would be able to see the listings and offer to pick up the e-waste for the price that the person has set. *The app would also provide rewards to people who use it to dispose of their e-waste. People would earn points for every piece of e-waste that they dispose of through the app. These points could then be redeemed for discounts on electronic products. Here are some of the specific features that your app could have: *A user-friendly interface that makes it easy for people to upload pictures of their e-waste and set a price. *A map that shows the location of local vendors who collect e-waste. *A messaging and call system that allows people to communicate with vendors about their e-waste. *A rewards system that gives people points for every piece of e-waste that they dispose of through the app.
2.5 Specify the potential areas of application in industry/market in brief	*E-waste recycling: The app can help to collect and recycle e-waste in a more efficient and environmentally friendly way. By connecting people with local vendors who collect and recycle e-waste, the app can help to reduce the amount of e-waste that ends up in landfills or is disposed of improperly. *E-waste tracking: The app can also be used to track the movement of e-waste from the point of collection to the point of recycling. This information can be used to improve the efficiency of the e-waste recycling process and to ensure that e-waste is recycled properly. *E-waste education: The app can also be used to educate people about the importance of e-waste recycling. The app can provide information about the environmental impacts of e-waste, how to properly dispose of e-waste, and the benefits of recycling e-waste. In addition to these potential areas, the app could also be used to: *Connect people with e-waste repair services: The app could connect people with local businesses that offer e-waste repair services. This could help to reduce the amount of e-waste that is discarded and could save people money. *Provide information about e-waste laws and regulations: The app could provide information about e-waste laws and regulations in different countries. This information could help people to comply with the laws and regulations in their area.
2.6 Briefly provide the market data for the potential idea/ innovation	*The market potential for an app that helps people to recycle e-waste is very large. E-waste is a growing problem around the world, and it is especially problematic in developing countries where there are few regulations on how to dispose of it. E-waste can contain harmful toxins that can pollute the environment and harm human health. *According to the United Nations Environment Programme, the world generates about 50 million tonnes of e-waste every year. This is expected to grow to 74 million tonnes by 2030. The majority of this e-waste is not recycled properly, and it ends up in landfills or is burned. *our app would help to address this problem by making it easier for people to recycle their e-waste. The app would connect people with local vendors who would collect the e-waste and recycle it properly. The app would also reward people for using it, such as by giving them discounts on electronic products. *The market potential for this type of app is supported by the growing awareness of the environmental and health hazards of e-waste. There is also a growing demand for recycled materials, which would make it easier for your app to find buyers for the e-waste that it collects.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Particular/Item	Total idea project cost (Rs. In lakh)	Amount GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)
Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material , testing/Calibration charges, other charges essential for development of idea **Max (10.00) lakh.**	10.000	10.000	0.000
Charges for mentor/handholding supporting team **Max (3.00) lakh.**	3.000	3.000	0.000
Travelling Expenses or any other item not coverd as above may be allowed as per need for development of the idea **Max (2.00) lakh.**	2.000	2.000	0.000
Total	15.000	15.000	0.000

Ref. No.	INC23CKR027873	**5. Summary of the idea. This is the section reviewers read to understand the technical solution. Please state the solution clearly. Reviewers may ask: What is the actual technical advancement or improvement provided by this solution?**	The concept involves creating an app that connects individuals and businesses with local e-waste recycling vendors or service providers. Users can upload photos and descriptions of their electronic waste, set prices for items, and schedule pick-ups. The app also incorporates a rewards system to incentivize recycling. Objectives: • Environmental Sustainability: • Resource Conservation: • Circular Economy: • Job Creation: • User Incentives: • Data and Reporting • Data and Reporting
6 (a) Is it a new concept?		YES	
(b) Prior art on the concept, if any	The concept of e-waste recycling itself is not new, as electronic waste recycling has been practiced for many years to address the environmental and health hazards associated with improper disposal of electronic devices. However, the idea of developing a dedicated mobile or web-based app.	**7. Main Problem Being Addressed in the Project (Every solution targets a certain problem. Please use this section to highlight the specific problem the solution addresses. This section can be as short or as long as needed to describe the precise problem the solution addresses)**	: E-waste is a growing problem around the world, and it is especially problematic in developing countries where there are few regulations on how to dispose of it. E-waste can contain harmful toxins that can pollute the environment and harm human health.

2.7 Name and details of Mentors	SUNIL KUMAR B Assistant Professor, Cambridge Institute of Technology, North Campus, Bengaluru. SUNIL KUMAR B Assistant Professor, Cambridge Institute of Technology, North Campus, Bengaluru. Area of interest includes Computer Networks, Wireless sensor networks, Cloud and Mobile Networks.	**2.8 Experience and Qualification of Mentors**	Completed B.E/B.Tech from Nitte Meenakshi Institute of Technology in Information Science and Enginee
2.9 Contact Details of Mentors	Mobile No. 9740328007 Address: 64, SHIG-D, 4TH BLOCK 5TH PHASE, YELAHANKA NEWTOWN, BENGALURU 560064, KARNATAKA, INDIA EMAIL:- sunilkumar.cse.nccambridge.edu.in	**2.10 Current Development Status of innovation**	At ideation stage
2.11 Expected time of completion of idea	1year	**2.12 Idea Sector**	Services, Education, Hospitality, Media, Publishing, Entertainment, Design, Wellness, Logistics, Sports and any related sub-sector

3. Financial requirements:

3.1 Activity-wise break

Particular/Item	Total idea project cost (Rs. In lakh)	Amount GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)
Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material , testing/Calibration charges, other charges essential for development of idea **Max (10.00) lakh.**	10.000	10.000	0.000
Charges for mentor/handholding supporting team **Max (3.00) lakh.**	3.000	3.000	0.000
Travelling Expenses or any other item not coverd as above may be allowed as per need for development of the idea **Max (2.00) lakh.**	2.000	2.000	0.000
Total	15.000	15.000	0.000

Approved Activity-wise break

Approved By	Approved Date
PMAC	14/03/2024

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

12. (a) How do you intend to protect your idea (i.e. your intellectual property or IP)? Status of IPR (If any)	Trade mark, copywrite, IPR , trade secret ,• Contracts and Agreements,• Non-Disclosure Agreements, • Legal Counsel	**(b) Related Background This section is used to highlight information that can be used by the reviewers or patent attorney to help put the solution in proper context. You can think of this section as something similar to the introduction section of an academic publication. This section is specifically reserved for other people's work (please include competitive work) as well as your past work that you believe will aid the reviewers in understanding the technical landscape. Data related to or supporting your solution should NOT be in this section, it should be in Section III: "How is this Solution Made and Used."**	To successfully launch and operate an e-waste recycling app, having a related background in several key areas can be highly beneficial. Here are some relevant backgrounds and skills that can help us effectively develop and manage such an app: • Environmental Science or Sustainability: • Technology and Software Development: • Business and Entrepreneurship: • Legal and Regulatory Knowledge: • Marketing and User Acquisition: • Data Security and Privacy: • Project Management:

13.How is This Project Made and Used: Please describe in as much detail as possible how the innovation is implemented. This includes details on how you actually make, assemble, synthesize, or build the solution and details on how the solution is used once it is made. Reviewers will ask: How does the technical innovation actually work – or – what is the detailed process to achieve the technical innovation? Please help convince the reviewers with supporting statements using as much of the following that is available: your thoughts, logic, supporting literature, and/or experiments.	Users: app would be able to create a profile and upload a picture of their e-waste. They would then be able to set a price for their e-waste. Vendors: would be able to register with the app and view the e-waste that is available in their area. They would then be able to contact the users to arrange for collection. Rewards: Users would be able to earn rewards for using the app. These rewards would be in the form of points, which could then be redeemed for discounts on electronic product.
Upload Block diagram/ flow chart/ Circuit Diagram/Pictures	View/Download
Uploaded Minutes of the evaluation Committee	View/Download
Student ID with duration of course and bonafide certificate by HI certifying that the student is currently enrolled in the course	View/Download

Application Remarks

Action	Date	Status	Remark

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

8. Background for getting the idea?			
a. Who is it for?	General Public, Government and Policy Makers, Environmental Organizations, Electronics Manufacturers	**b. What will it do?**	Users: Users of the app would be able to create a profile and upload a picture of their e-waste. They would then be able to set a price for their e-waste. • Vendors: Vendors would be able to register with the app and view the e-waste that is available in their area.
c. Any unique features? Explain?	The uniqueness of our idea is that it combines two important aspects of e-waste management: convenience and rewards.*On the one hand, our app makes it easy for people to dispose of their e-waste. They can simply upload a picture of their e-waste to the app, and a local vendor will come and pick it u	**9. How simple or complex will the idea's execution or implementation be? What are the risk factors involved in executing the idea?**	The ideas execution involves setting up application, contact with vendors, and developing a user-friendly app. Its moderately complex, requiring vendor's believe, technological infrastructure, and app development skills. Risk Factors: ensuring consistent service awareness in rural areas Collaboration with local vendors Marketing the app to people so that they know about it and use it. technology experts is essential for successful implementation
10. How soon could the idea be put into operation? (TRL of prototype)	The time it takes to put our e-waste recycling app idea into operation can vary depending on several factors, including the complexity of the app, regulatory requirements, funding availability.	**11. How much investment would you need for prototyping of the Idea?**	15 LAKHS

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

PMAC	14/Mar/2024 12:10:10 PM	Approved By PMAC	The 7th PMAC held on 15/02/2024 has approved this idea for GoI grant. Please check your mail and do the needful as instructed on priority basis. This may be treated as most urgent. View/Download

I declare that:

1. **I have read the entire scheme guidelines and shall abide by all the requirements stipulated therein for seeking financial assistance.**
2. **I hereby declare that information given above is true to the best of my Knowledge and that I have not withheld/distorted any material fact.**
3. **Any information/ documents that may be required to be verified shall be provided immediately before the concerned authority.**
4. **I hereby declare that I have not availed any financial assistance for this purpose from any other scheme from any Central/ State govt. agency.**
5. **In case the Idea is approved, Host Institute would undertake to make facilities available to carry out the development arrange for the submission of periodic progress reports and other information that may be required by the Ministry.**
6. **I certify that the accounts of the funds received and spent will be kept and made available on demand, as per scheme guidelines**
7. **I certify that the funds will be used only for Idea development as per activities defined in Scheme Guidelines & no funds out of this grant will be utilized for any other activity/production purposes.**

Print

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

ACHARYA INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi,
Recognized by Govt. of Karnataka and Accredited by NBA
(AE, BT, CSE, ECE, ME, MT)

Ministry of Education
Government of India

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

MHRD -IIC & MSME Nodal Center

Sample Report

Technoutsava - 2023 , 2024

Workshop on MSME Idea Hackathon 3.0 for Women

Industrial Visit

Acharya Institute of Technology

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bangalore-560107, India

Acharya Institute of Technology Organized two days

TECHNO UTSAVA -2024

In Association with

IEEE AIT Student Branch

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

MoE's INNOVATION CELL (GOVERNMENT OF INDIA)

Ministry of Education Government of India

AICTE

Date: 23-05-2024 to 24-05-2024

Venue: AES Seminar Hall, Acharya Institutes.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Acharya Institute of Technology

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bangalore-560107, India

-

Conduction

Acharya Institute of Technology, in association with the IEEE Student Branchand Institution Innovation Council, has organized two days Students Project Exhibition Program "Technoutsava 2024" from 23rd May 2024 to 24th May 2024. Technoutsava 2024 was a grand two-day event that showcased the innovative projects and creative ideas of students from various departments and other colleges. The exhibition aimed to provide a platform for students to present their technical skills, foster a spirit of competition, and encourage collaborative learning.

Objective of the Event:

- The objective of such an event would typically be to showcase advancements in technology, provide a platform for networking and collaboration among professionals and enthusiasts, foster innovation and creativity, and possibly inspire the next generation of technologists and entrepreneurs
- Provides an open platform to share and discuss ideas in different disciplines of Engineering.
- It gives directions to pre-final year students as to research and technology/product development in critical areas of importance.
- Students research activities that would lead to indexed journal publications/patents.

Details of the Event:

Day 1: For Students of AIT

The event was inaugurated by Dr. Rajath Hegde, Principal of AIT, Chief Guests Dr. Anandi Giridharan, Principal Research Scientist, IISC, Bangalore, Mr. K. Sathyanarayana Raju, Scientist at ISRO, Dr. Ajith Padyana, HOD, CSE and Prof. Devasis Pradhan, Assistant Director of Research, Acharya Institutes. who highlighted the importance of innovation in the current technological landscape. The ceremony also included a keynote address by Dr. Anandi Giridharan and Mr. K. Sathyanarayana Raju, who inspired the students with insights into recent technological advancements.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Acharya Institute of Technology

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bangalore-560107, India

The first day featured various exhibition stalls showcasing projects from different departments. A total of **28 teams** participated from different departments of Acharya Institute of Technology, representing a diverse range of disciplines, including CSE, ISE, AIML, ECE, EEE, AU, BT, Civil, Mechatronics, Mechanical, and MCA departments.

A panel of judges comprising industry experts and faculty members evaluated the projects and announced the best three projects for IT, Circuit, and non-circuit branches based on innovation, technical complexity, presentation, and practical applicability.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLADEVANAHALLI, BENGALURU - 560 107

Acharya Institute of Technology

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bangalore-560107, India

Day 1 Winner's details are as follows:

Sl. No	Team Members	Title of The Project	Department	Prize
1	Meeraj Aquib, Samyuktha R, Akila Sriraman, Gayathri Kannan Pillai K. **Mentor: Dr. Suneetha T B**	Nanomaterial patch therapy as a targeted relief for Eczema Sufferers	Biotechnology	2500/-
2	Charate Nidhi Umesh Adarsh Chetri Gauthami U Shirodkar Apoorva **Mentor: Prof. MARY M DSOUZA**	BeYogi: Real-Time Yoga Asana Detection and Correction using Machine Learning	Information Science and Engineering	2500/-
3	LEKHANA SATHEESHA ASHMITH **Mentor: Dr. Manjunatha K N**	Pesto-Bot	Mechatronics	2500/-

Day 2: Inter-College Competition

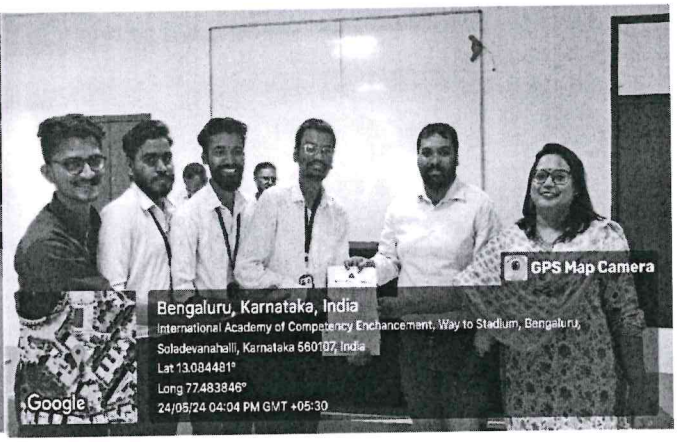
The second day of Technoutsava 2024 was dedicated to an inter-college competition, where **44 teams(150 students)** from various colleges showcased their innovative projects. This event aimed to promote healthy competition, foster collaboration among different institutions, and provide a platform for students to present their ideas to a wider audience, including industry experts and academicians.

The event was inaugurated by Dr. Rajath Hegde, Principal of AIT, Keynote speakers Mr. Krishna Mouli, Sr. Data Scientist at Infobell IT PVT LTD, and Mr. Govind A N, Vice President, at Equity Derivatives Quant. The keynote speakers delivered insightful lectures on the latest technological trends, future opportunities, and career guidance. These sessions were highly beneficial for the participants, providing them with valuable knowledge and inspiration.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Acharya Institute of Technology

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bangalore-560107, India



Day 2 Winner's details are as follows:

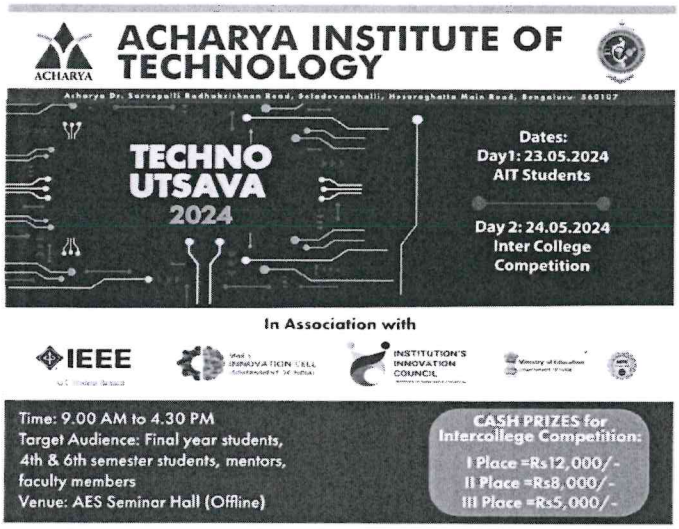
Sl. No	Team Members	Title of The Project	College Name	Place and Cash Prize
1	Pavankumar P Kadam, Shashank T G, Lokesh Kiran R, Manoj P **Mentor: Dr. Bhagirathi**	Rescue Robot From Borewells	Acharya Institute of Technology	First Place with a cash prize of 12000/-
2	Harini R, Aditya B Y, Kowshalya C, Shalini Meyyammai, **Mentor: Dr, B K Manjunath**	Integrated Bioreacaor	The Oxford College of Engineering	Second Place with a cash prize of 8000/-
3	Sanjay Sardar P, Jayshree S, Adora G Christian, Abhishek **Mentor: Dr. Akhela Umapathi**	Optimization of topical formulation for treatment of early-stage melanoma	Acharya Institute of Technology	Third Place with a cash prize of 5000/-

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Acharya Institute of Technology

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Bangalore-560107, India

Image Gallery:



PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Participants had the opportunity to network with industry experts, faculty members, and peers from other colleges. These sessions fostered collaboration and knowledge sharing, helping students build valuable connections for their future endeavors. The event concluded with an award ceremony where the best projects were recognized and rewarded. The awards were presented by Keynote Speakers and the Principal, who congratulated the participants for their exceptional work and encouraged them to continue their innovative pursuits.

Day 2 winners details are as follows:

Outcomes of the Workshop:

- Technoutsava 2024 inspired attendees to pursue careers or projects in technology and innovation.
- Developed skills to implement research activities in different disciplines of Engineering.
- Attendees had the opportunity to enhance their professional networks, connecting with peers, mentors, and industry experts.
- Presented Projects will be converted to Journal Articles.

Conclusion:

Technoutsava 2024 Day 2 was a remarkable success, providing a vibrant platform for inter-college collaboration and competition. The event not only highlighted the technical capabilities of the students but also encouraged creativity, innovation, and teamwork. The feedback from participants and visitors was overwhelmingly positive, and the event set a high benchmark for future inter-college competitions.

The organizing committee extends its heartfelt thanks to all the participants, faculty members, industry experts, and sponsors for their support and contributions, making Technoutsava 2024 a memorable and successful event.

2024-05-26

Signature of Event Co-Ordinator

Signature of Principal

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

ACHARYA INSTITUTE OF TECHNOLOGY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Hesaraghatta Main Road, Bengaluru- 560107

TECHNO UTSAVA 2024

Dates:
Day1: 23.05.2024
AIT Students

Day 2: 24.05.2024
Inter College Competition

In Association with

IEEE AIT Student Branch

MoE's INNOVATION CELL (GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL

Ministry of Education Government of India

Time: 9.00 AM to 4.30 PM
Target Audience: Final year students, 4th & 6th semester students, mentors, faculty members
Venue: AES Seminar Hall (Offline)

CASH PRIZES for Intercollege Competition:

I Place =Rs12,000/-
II Place =Rs8,000/-
III Place =Rs5,000/-

Registration Link- https://forms.gle/TZCCX8pgKQPH7Pnw7

About the Program:

Objectives:

- The objective of such an event would typically be to showcase advancements in technology, provide a platform for networking and collaboration among professionals and enthusiasts, foster innovation and creativity, and possibly inspire the next generation of technologists and entrepreneurs
- Provides an open platform to share and discuss ideas in different disciplines of Engineering.
- It gives directions to prefinal year students as to research and technology/product development in critical areas of importance.
- Students research activities that would lead to indexed journal publications/patent.

Expected Outcome:

- Technoutsava 2024 could inspire attendees to pursue careers or projects in technology and innovation.
- Develop skills to implement research activities in different disciplines of Engineering.
- Attendees would have the opportunity to enhance their professional networks, connecting with peers, mentors, and industry experts.
- Presented Projects will be converted to Journal Articles.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLADEVANAHALLI, BENGALURU - 560 107

PATRONS:

Shri B M REDDY
President, JMJ Education Society,
Bengaluru.

Shri B PREMNATH REDDY
Founder Chairman, Acharya Institutes,
Bengaluru.

Smt. SHALINI REDDY
Executive Director, Acharya Institutes,
Bengaluru.

Mr.KRISHNA BASANI REDDY
Managing Director, Acharya Institutes,
Bengaluru.

Shri C B M BHOOSHAN
ES to Chairman, Acharya Institutes,
Bengaluru.

ADVISORY COMMITTEE:

Dr. Rajath Hegde M.M
Principal, AIT

Prof. C. K Marigowda
Vice Principal, AIT

CONVENER:

Dr. Rajanna K R
Dean of Student Welfare,
Professor, Dept. of Mathematics, AIT

Prof. Devasis Pradhan
Assistant Director of Research,
Acharya Institutes
Dean Research & Development,
Assistant Professor, Dept. of ECE, AIT

PROGRAM COMMITTEE MEMBER

Dr. Pakkirappa H (ME)
Dr. Sujatha B M (CSE)
Dr. Jayalaxmi H(ECE)
Dr. Shadakshari R(ME)
Dr. Ashalatha (BT)
Dr. Girraju Prakash Babu (CSE)
Dr. Manjunath K N (MT)
Dr. Anupallavi S (AI/ML)
Prof. Lakshmikath Reddy V (EEE)
Prof. Sandeep Kumar K(ECE)
Prof. Pallavi MO (MCA)
Prof. Sheela Maharajpet (MCA)
Prof. Jagadish N (ISE)
Prof. Yogesh N(ISE)
Prof. Athith D (AU)
Prof. Sibin Raj (AE)
Prof. Prashanth Kumar S P(CSE)
Prof. Sneha M K (CIVIL)

For any query please contact

1. Dr. Manjunath K N - 9844719520
2. Dr. Girraju Prakash Babu -9885174415
3. Dr. Ashalatha G - 9742918603
4. Dr. Anu Pallavi - 9489380617
5. Prof. Kavitha Nair R - 9947043923

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

ACHARYA

A REPORT

ON

TECHNOTSAVA 2023

"A Student Project & Research Symposium"

(6th May 2023)

ORGANIZED BY

ACHARYA INSTITUTE OF TECHNOLOGY

Acharya Dr Sarvepalli Radhakrishnan Rd,
Soladevanahalli, Bangalore - 560107

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

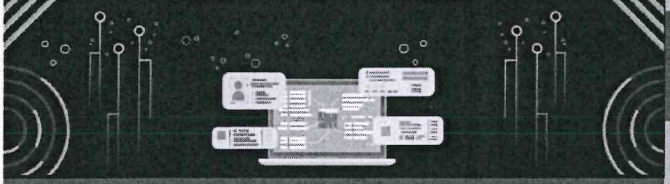
BROCHURE

ACHARYA INSTITUTE OF TECHNOLOGY

Acharya Dr. Sarvepalli Radhakrishnan Road, Soladevanahalli, Hesaraghatta Main Road, Bangalore- 560107

TECHNOTSAVA – 2023

A Student Project & Research Symposium



Date: May 6, 2023| Time: 9:00 AM to 5:00 PM

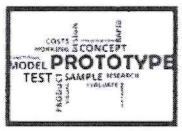
Venue: MBA Auditorium

Top 27 teams of Final Year B.E. students will showcase their projects and research to a panel of experts and participants

Student Presentations:

Oral Presentations

Poster Presentations



Demonstrations

Panel Members :

Dr. Amit Roy
Sr. Director and Head
Bureau of Indian Standards
Bangalore Branch Office

Dr. Prakruthi Hareesh
Assistant Professor, Mechanical Engg & Digital Mfg,
BITS Pilani - Bangalore

Dr. Sanjeev K Nayak
Manager
EDU lighting system Engineering
Alstom, Bangalore

Dr. S.N. Chandra Mouli
Director - Lorman Kitchen Equipment Pvt Ltd - Bangalore

Mr. Sarbojit Sarkar
(OneAPI Development Engineer)
Intel - Bangalore

Dr. Kantharaju V
Assistant professor-ISE,
BMS Institute of Technology and Management- Bangalore.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Time	Event	Venue
09:00-09:30	Registrations	MBA Auditorium
09:30-10:00	Inauguration	
10:00-10:10	Coffee Break	
10:15–12:45	First Round Project Presentations - (Oral Presentations, Poster Presentations & Prototypes)	Circuit Branches – MBA Auditorium Non-Circuit Branches – Mechanical Block Seminar Hall IT Branches – CSE Seminar Hall
12:45-13:30	Lunch Break	
13:30-15:30	Final Round - Selection of Best Projects - (Oral Presentations)	MBA Auditorium
15:30-16:00	Coffee Break & Networking	
16:00-16:30	Valedictory	MBA Auditorium

ORGANIZING COMMITTEE:

CHAIR: Dr. RAJATH HEGDE M.M

CO-CHAIR: Mr. MARIGOWDA C K

Dr. MUTHUKUMAR CHOCKALINGAM

MEMBERS: Dr. RAJANNA K R

Dr. DEVARAJAIAH R M

Dr. MANJUNATH B

Dr. AJITH PADYANA

Dr. RAJESHWARI

Dr. PRAKASH R

Dr. SUNEETHA T B

Ms. CHAITRA B

Mr. DHANANJAY M

Mr. ATHITH

PEER REVIEW COMMITTEE

CHAIR: Dr. HARISH MNK,

CO-CHAIR: Dr.AKHELA UMAPATHI,

Dr. PRAKASH S DABEER,

MEMBERS: Dr. MUTHUKUMAR M

Dr. UMAPATHI

Mr. DEVASIS PRADHAN

Dr. VIYAYASHEKHAR S S

Dr. RAMI REDDY

Dr. SRIKANTH REDDY

COORDINATORS

Mr. LAKSHMIKANTH REDDY

Mr. M K DHANANJAYA

Mr. RAJU M G

PROGRAM SCHEDULE – 06.05.2023

Time	Event	Venue
09:00-09:30	Registrations	MBA Auditorium
09:30-10:00	Inauguration	
10:00-10:10	Coffee Break	
10:15–12:45	First Round Project Presentations - (Oral Presentations, Poster Presentations & Prototypes)	Circuit Branches – MBA Auditorium Non-Circuit Branches – Mechanical Block Seminar Hall IT Branches – CSE Seminar Hall
12:45-13:30	Lunch Break	
13:30-15:30	Final Round - Selection of Best Projects - (Oral Presentations)	MBA Auditorium
15:30-16:00	Coffee Break & Networking	
16:00-16:30	Valedictory	MBA Auditorium

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

List of Teams Shortlisted for Participation in the TECHNOTSAVA 2023

S. No	Department	Project Title	Team Members (Students)	Mentor
1	Aeronautical Engineering	Design, Fabrication and Structural Analysis of Med-Capsule For Delivering Lifesaving Goods	Rakshit M G, Tahir Ahmad, Nirbhay Bhoi, Princia J L,	Prof. Dinesha Kumara HM
2	Aeronautical Engineering	Development Of Autonomous Quadcopter Model	H M Mihir Patel, Anumol Bharadwaj K, Sharath Kumar R, Akram Basha,	Prof. Parthasarathy
3	Automobile Engineering	Real Time Fuel Flow Measuring Device	Dhruv Jindal, Nikhil R, Nagendra Anant Bhat, Vivek R.	Prof. Athith D.
4	Automobile Engineering	Anti-Theft Brake Locking Mechanism for Two-Wheelers	Seemon Jashwa, Bharath Kumar S, Edwin D, Vijay R.	Prof. Athith D.
5	Biotechnology	Development Of Hemostatic PVA-Starch Foam and Hydrogel for Topical Wound Treatment	Navaneeth S Kumar, Kiran R	Dr. Suneetha T B
6	Biotechnology	Viable Biocomposite & Incapacitated Fertilizer Beads for The Regulated Nutriment to The Plants	Varsha R, M Harshita, Yash Wadkar, Ashith Sujay Kumar	Dr. Suneetha T B
7	Civil Engineering	Effect Of Drainage Characteristics in Granular Sub-Base Course on Flexible Pavement Performance	Rohan Kumar Singh, Ronit Raj, Sachin, Sanganagouda N Hodla	Prof. Dhananjay M
8	Civil Engineering	Experimental Study on Replacement of Egg Shell with Cement	K Rohini, Rachana G S, Abhishek Hampanna, Akshata	Prof. Ambreshwar
9	Civil Engineering	Smart Drip Irrigation System Using IoT	Thejashree G L, Roopa, Sachin D, Raghavendra P Bhandarai	Prof. Brunda G S, Prof. Mohan N
10	Mechanical Engineering	Biodegradable, Hygienic and Compostable Tableware from Hybrid Bagasse as Plastic Alternative	Lokesh D, Athish GR, Vedant, Darshan KN	Dr. Shadakshari R
11	Mechanical Engineering	Design and Development of Robot Dog for Load Carrying Applications	Shashikumar B, Suman Raj Vairad, Anvith Hiremath, Sudeep K	Prof. Akshya Simha
12	Mechanical Engineering	Mechanical Characterization of Natural Fiber Reinforced Polymer Composite	Ankith S, Ajay Kumar Reddy E, Varun Krishna T S, Manoj BC,	Prof. Vinod Kumar C S
13	Mining Engineering	Development of Machine Allocation System and Routing Solution	Ashutosh Adhikari, Kencho Gyelshen, Tshering Dorji	Prof. S N Varuna
14	Mining Engineering	Innovative Mining Drill and Blast Strategies	Udaya V B, Shivabasayya H, Karibasappa G, Balaji R P	Prof. Kandi Sandeep Reddy
15	Electronics and Communication Engineering	Physical Design of 64-bit Multiplier and Accumulator (MAC) Unit	Syed Moshin, Rajul J Gowda,	Dr. Asha C N
16	Electronics and Communication Engineering	Holovision: An Augmented Reality Based Diagnosis Tool for Patient Centric Healthcare	Sai Ayush, Sai Sreeram Gadde	Dr. Rajeswari
17	Electronics and Communication Engineering	Navigation Tool for Visually Impaired – Hurdle Recognition Using Image Processing and IoT	Ravikumar L, Sharath Kumar D A, Sreeja L, Sushmita S Dhisley, Prof. Mohan N	Prof. Mohan N
18	Electrical and Electronics Engineering	Design and Development of Different Topologies for Fast EV Charger	Arunkumar, Sanjana, Shashank G Madival, Srinivas G	Prof. Lakshmikanth Reddy

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

19	Electrical and Electronics Engineering	EMS Solar Charing Stations for Electric Vehicles	J Abhishek, Manjunath T R, Manoj C P, Sharath BJ,	Prof. Rekha C M
20	Mechatronics Engineering	Design and Development of a Recycling Machine to Convert Used Plastic Bottles into Filament for 3D Printing	Sandhya Mane, Bhuvan R, Reshma B, Vinayak S Betageri	Dr. Devarajaiah R M
21	Mechatronics Engineering	Digital BOT for Therapeutic Treatment of Autism Spectrum Disorder (ASD) in Children	Chethan U M, Prashant, Bhuvanesh Nagaral, Bhuvan R	Prof. Naveen Kumar S N
22	Computer Science and Engineering	Human Emotion Detection Using Deep Learning	Rakshitha R, Preethi B M, Shreedevi R, Sirisha S M	Prof. Sneha N P
23	Computer Science and Engineering	IRIDESCENCE.AI – Text to 3D Mash Model	Amoolya M Kulkarni, Ananya Kedlaya, Pratheek Prakahs Shetty, Ravi Sachan	Dr. Ajith Padyana & Prof. Jawahar Jonathan
24	Computer Science and Engineering	Phishing Website Detection Using Deep Learning Algorithm	DM Nihal, Harshith M, Madhusudhan P, Mallikarjun R Wali	Prof. Reshma
25	Information Science and Engineering	Smart College Placement Portal Using Web Scrapping and Sentiment Analysis	Ankush Kumar, Ashutosh Kumar, Monish Basaniwal, Nandhitha C P	Prof. Yogesh N
26	Information Science and Engineering	Extracting Summary from Elaborative Text by Adopting Extractive Approach	Reetik Raj, Aditya Ranjan, Maithili Shetty K, Himanshu Malik	Prof. Jagadish N
27	Information Science and Engineering	The Impact of the Blockchain on the Supply Chain: Health Care System Like Pharmaceutical Products	Tusha Setia, Parinay Prasad, Sarthak Jain, Ravi Shankar Roy,	Prof. Supriya C

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLADEVANAHALLI, BENGALURU - 560 107

REPORT ON TECHNOTSAVA 2023

Acharya Institute of Technology organized TECHNOTSAVA 2023 – "A student project & research symposium" to identify and support the best B.E final year projects. Departments have conducted internal evaluations of about 250 final year student projects and identified 27 best projects for participation in the TECHNOTSAVA 2023. The 27 teams comprised of 2 from Aeronautical Engineering, 2 from Biotechnology, 2 from Automobile Engineering, 2 from Civil Engineering, 3 from Computer Science and Engineering, 3 from Information Science and Engineering, 2 from Electronics and Communication Engineering, 2 from Electrical and Electronics Engineering, 2 from Mechanical Engineering, 2 from Mechatronics Engineering, 2 from Mining Engineering. The shortlisted teams were invited to submit abstracts and PowerPoint presentations 3 days prior to the TECHNOTSAVA program scheduled on 6th May 2023.

On 6th May, the TECHNOTSAVA 2023 was inaugurated by jury members and dignitaries including Principal, Vice Principal and organizers of the program. The jury members were as follows:

1. Dr. Sajeev K Nayak, Manager- EDU Lighting Systems, Bangalore
2. Mr. Jayachandra Babu P, Joint Director/Scientist- D, Bureau of Indian Standards, Bangalore Branch Office
3. Dr. S.N Chandra Mouli, Director, Lorman Kitchen Equipment Pvt Ltd, Bangalore
4. Mr. Sarbojit Sarkar, OneAPI Development, Intel, Bangalore
5. Dr. Prakruthi Hareesh, Assistant Professor, Mechanical Engg and Digital Manufacturing, BITS Pilani, Bangalore
6. Dr. Kantharaju V, Assistant Professor, BMS Institute of Technology, Bangalore

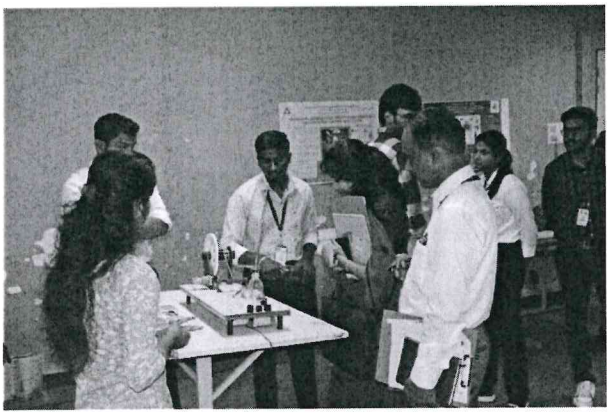
In the first half from 10.30 am to 01:00 pm, the first round of selection of best projects was conducted and the juries were stream specific external experts. The criteria of evaluation were as follows: oral presentation (40%), Poster Presentation (40%) and Demonstration of prototype (20%). In the oral presentation, the motivation, problem statement, methodology, presentation clarity, results and discussion and QA were evaluated in a scale of 40. In the Poster, motivation, quality of poster, flow of the poster presentation, communication, QA were evaluated in a scale of 40. In the Demo part, novelty of the prototype, skills applied, technical challenges, patentability, scalability and QA were evaluated in a scale of 20. The Non-Circuit Stream teams presented and demonstrated their work to the panel of experts in the Mechanical block seminar hall. The circuit stream teams have presented their projects to the panel of experts in the MBA auditorium. The IT stream teams have presented their work to the panel of jury members in the CSE seminar hall. Best project from each department was selected and announced to enable them to participate in the second round scheduled in the afternoon session.

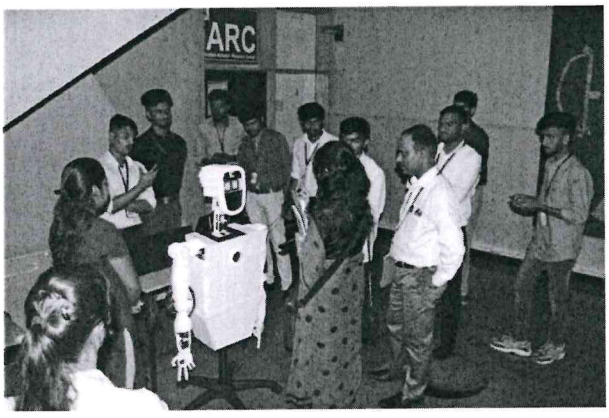
In the second and final round in the afternoon session, the complete panel of jury members (6) evaluated the projects in a scale of 50. The teams were given 5 minutes time for oral presentation and 5 minutes for Questions and Answers. Criteria of selection were as follows: Motivation/context/relevance of the problem selected by the team, Problem Statement and Methodology, Presentation Clarity – Slides & Communication, Results & Discussion, Conclusions and Questions and Answers.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

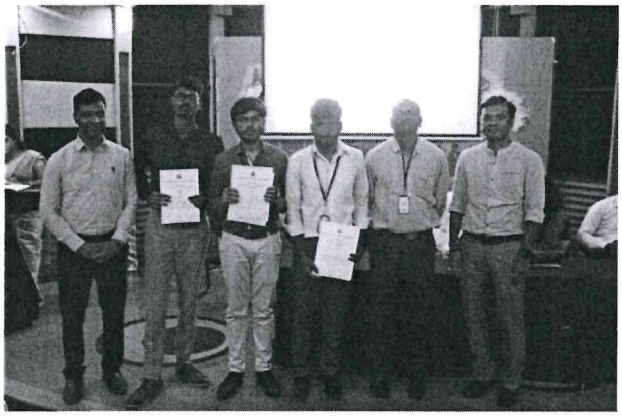
After the final round evaluation, at 4:00 pm, valedictory program was conducted wherein, best project of the department for all 11 departments were awarded with certificates and a token of appreciation.

The best 3 final year projects of the year 2023, one from each stream that were selected during the TECHNOTSAVA 2023 was kept confidential till the Graduation Day. On Graduation Day, the best 3 projects were distributed certificates with a token of appreciation in front of a motivating 1000+ students and dignitaries.





PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107



PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

TECHNOTSAVA 2023 BEST PROJECTS – DEPARTMENT LEVEL

Department	Project Details
Aeronautical Engineering	**Project Title:** *Design, Fabrication and Structural Analysis of Med-Capsule for Delivering Lifesaving Goods* **Team Members:** Rakshith M G, Tahir Ahmad, Nirhay Bhoi, Princia J L **Mentors:** Prof. Dinesha Kumar H M
Automobile Engineering	**Project Title:** *Real Time Fuel Flow Measuring Device* **Team Members:** Dhruv Jindal, Nikhil R, Nagendra Anant Bhat, Vivek R. **Mentors:** Prof. Athith D
Biotechnology	**Project Title:** *Development of Hemostatic PVA-Starch Foam and Hydrogel for Topical Wound Treatment* **Team Members:** Navaneeth S Kumar, Kiran R **Mentors:** Dr. Suneetha T B
Civil Engineering	**Project Title:** *Smart Drip Irrigation System Using IoT* **Team Members:** Thejashree G L, Roopa, Sachin D, Raghavendra P Bhandarai **Mentors:** Prof. Brunda G S, Prof. Mohan N
Computer Science and Engineering	**Project Title:** *IRIDESCENCE.AI – Text to 3D Mash Model* **Team Members:** Amoolya M Kulkarni, Ananya Kedlaya, Pratheek Prakahs Shetty, Ravi Sachan **Mentors:** Dr. Ajith Padyana & Prof. Jawahar Jonathan
Electronics and Communication Engineering	**Project Title:** *Holovision: An Augmented Reality Based Diagnosis Tool for Patient Centric Healthcare* **Team Members:** Sai Ayush, Sai Sreeram Gadde **Mentors:** Dr. Rajeswari
Electrical and Electronics Engineering	**Project Title:** *EMS Solar Charing Stations for Electric Vehicles* **Team Members:** J Abhishek, Manjunath T R, Manoj C P, Sharath BJ, **Mentors:** Prof. Rekha C M
Mechanical Engineering	**Project Title:** *Biodegradable, Hygenic and Compostable Tableware from Hybrid Bagasse as Plastic Alternative* **Team Members:** Lokesh D, Athish G R, Vedant, Darshan K N **Mentors:** Dr. Shadakshari R
Mechatronics Engineering	**Project Title:** *Design and Development of a Recycling Machine to Convert Used Plastic Bottles into Filament for 3D Printing* **Team Members:** Sandhya Mane, Bhuvan R, Reshma B, Vinayak S Betageri **Mentors:** Dr. Devarajaiah
Information Science and Engineering	**Project Title:** *Smart College Placement Portal Using Web Scraping and Sentiment Analysis* **Team Members:** Ankush Kumar, Ashutosh Kumar, Monish Basaniwal, Nanditha C P **Mentors:** Prof. Yogesh N
Mining Engineering	**Project Title:** *Development of Machine Allocation System and Routing Solution* **Team Members:** Ashutosh Adhikari, Kencho Gyelshen, Tshering Dorji **Mentors:** Prof. S N Varuna

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

TECHNOTSAVA 2023 BEST PROJECTS – STREAM LEVEL

Stream	Project Details
Non-Circuit Stream	**Project Title:** *Design, Fabrication and Structural Analysis of Med-Capsule for Delivering Lifesaving Goods* **Team Members:** Rakshith M G, Tahir Ahmad, Nirhay Bhoi, Princia J L **Mentors:** Prof. Dinesha Kumar H M
	Project Title: *Biodegradable, Hygenic and Compostable Tableware from Hybrid Bagasse as Plastic Alternative* **Team Members:** Lokesh D, Athish G R, Vedant, Darshan K N **Mentors:** Dr. Shadakshari R
Circuit Stream	**Project Title:** *Design and Development of a Recycling Machine to Convert Used Plastic Bottles into Filament for 3D Printing* **Team Members:** Sandhya Mane, Bhuvan R, Reshma B, Vinayak S Betageri **Mentors:** Dr. Devarajaiah
IT Stream	**Project Title:** *Smart College Placement Portal Using Web Scraping and Sentiment Analysis* **Team Members**: Ankush Kumar, Ashutosh Kumar, Monish Basaniwal, Nanditha C P **Mentors:** Prof. Yogesh N

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Women Cell -SAKHI

ACHARYA INSTITUTE OF TECHNOLOGY

Soldevanahalli, Bangalore -560107.

Event Report

On

"Workshop on MSME Idea Hackathon 3.0 for Women"

Date: 05.08.2023

Venue: ME Seminar Hall, AIT, Bangalore.

Organized by,

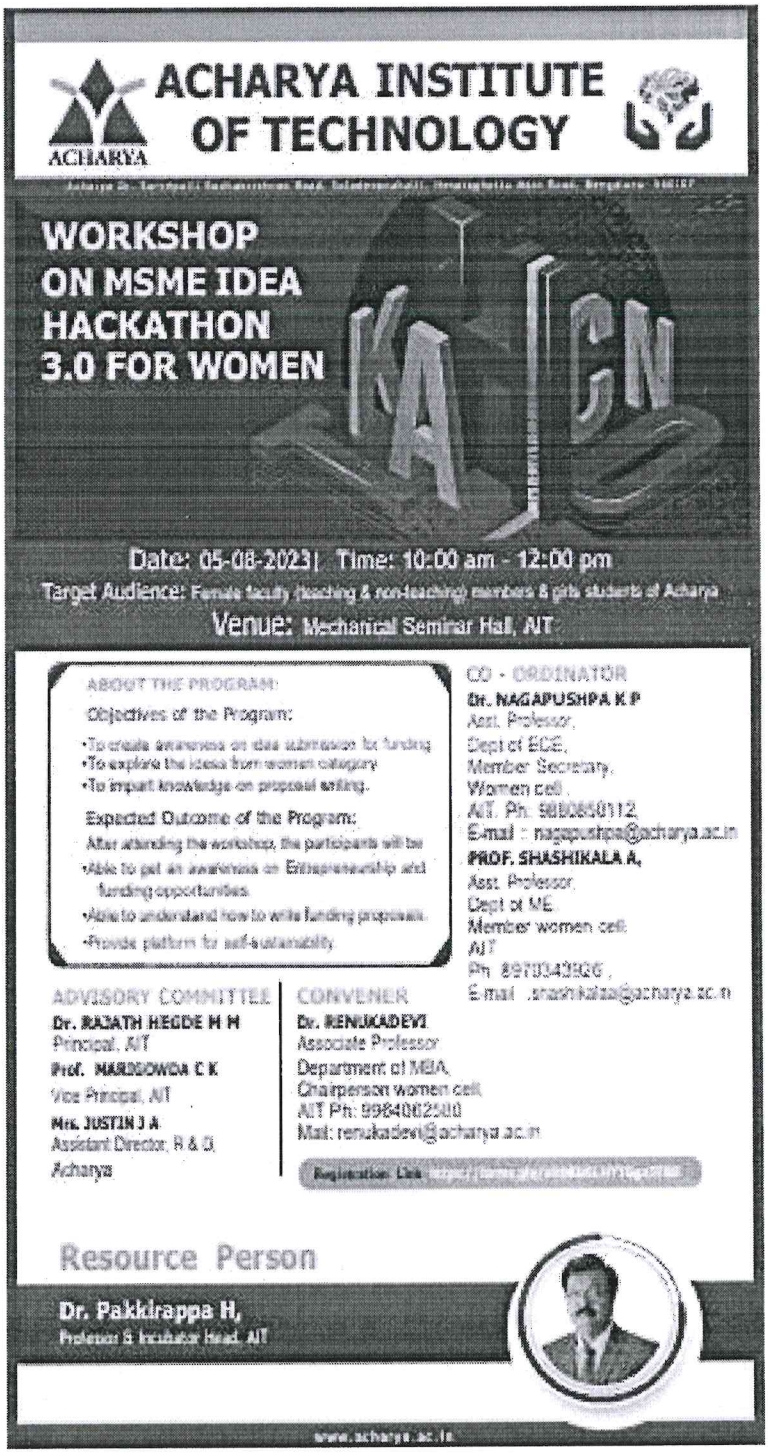
Women Cell -SAKHI

In association with TBI- AIT

Acharya Institute of Technology.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

ACHARYA



Women Cell –SAKHI, AIT

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

ACHARYA

Event Name: Workshop on MSME Idea Hackathon 3.0 for Women

About the program: The workshop is to enlighten about the idea submission for all categories of women such as girl students, female faculty (teaching and non-teaching) members.

Target Audience: Female faculty (teaching and non-teaching) members and girls students of Acharya Institutes.

Date: 05th August 2023.

Venue: ME Seminar Hall, Acharya Institute of Technology, Banglore-560107.

Objectives:

1 To create awareness on idea submission for funding.

2. To explore the ideas from women category.

3. To impart knowledge on proposal writing.

Resource Person:

Speaker: Dr. Pakkirappa H
Professor, Dept of ME and Incubator head, AIT

The event was started by Dr.Renuka Devi, Chairperson, ICC, by introducing the speaker and she gave an insight of importance of workshop. Resource person Dr. Pakkirappa H,gave the awareness on opportunities about the various schemes and programmes under the Government of India by offering individuals formal training, business plan development, guidance and follow-up during their own business idea implementation using the aids of MSME. He also focuses on how to develop an idea to a viable project or a start-up, securing, procuring and funding options. The aim of the workshop was to help the students to understand the importance of self-sustenance and employability.
Dr. Nagapushpa K.P Assistant Professor, Department of ECE, Prof. Shashikala. A, Assistant Professor, Department of Mechanical Engineering coordinated the event. There was around 45 Participants in the Workshop.

Women Cell –SAKHI, AIT

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

ACHARYA

Event Name: Workshop on MSME Idea Hackathon 3.0 for Women

About the program: The workshop is to enlighten about the idea submission for all categories of women such as girl students, female faculty (teaching and non-teaching) members.

Target Audience: Female faculty (teaching and non-teaching) members and girls students of Acharya Institutes.

Date: 05th August 2023.

Venue: ME Seminar Hall, Acharya Institute of Technology, Banglore-560107.

Objectives:

1 To create awareness on idea submission for funding.

2. To explore the ideas from women category.

3. To impart knowledge on proposal writing.

Resource Person:

Speaker: Dr. Pakkirappa H
Professor, Dept of ME and Incubator head, AIT

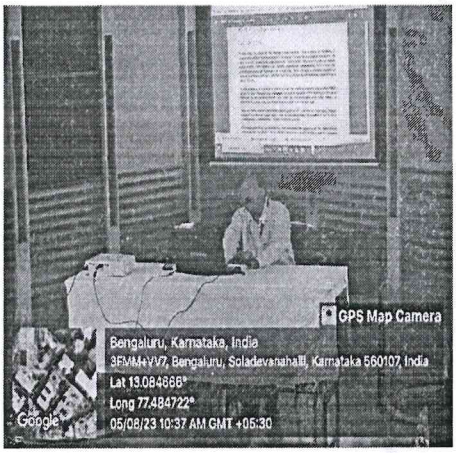
The event was started by Dr.Renuka Devi, Chairperson, ICC, by introducing the speaker and she gave an insight of importance of workshop. Resource person Dr. Pakkirappa H,gave the awareness on opportunities about the various schemes and programmes under the Government of India by offering individuals formal training, business plan development, guidance and follow-up during their own business idea implementation using the aids of MSME. He also focuses on how to develop an idea to a viable project or a start-up, securing, procuring and funding options. The aim of the workshop was to help the students to understand the importance of self-sustenance and employability.

Dr. Nagapushpa K.P Assistant Professor, Department of ECE, Prof. Shashikala. A, Assistant Professor, Department of Mechanical Engineering coordinated the event. There was around 45 Participants in the Workshop.

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Women Cell –SAKHI, AIT

ACHARYA



PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Women Cell –SAKHI, AIT

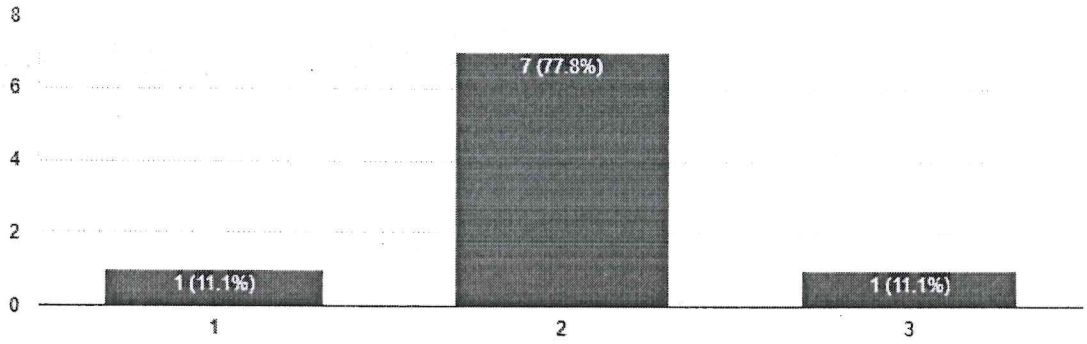
ACHARYA

Feedback Report:

Are you aware of Various schemes and program available in MSME

Copy

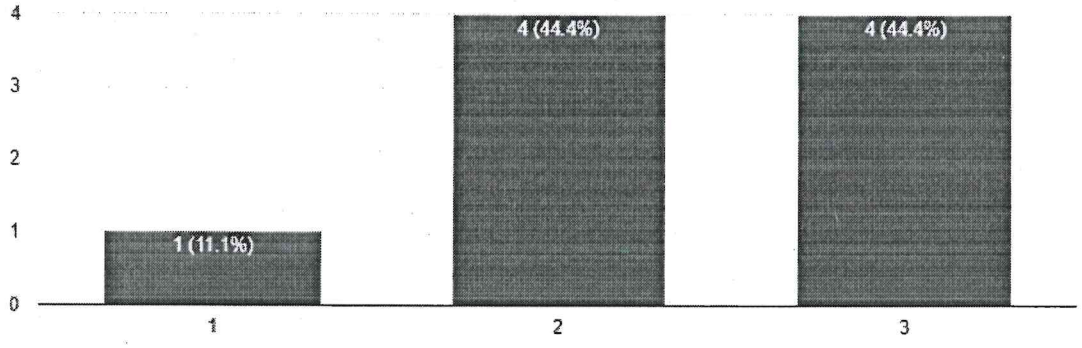
9 responses



Was the workshop was helpful for writing proposals and about various funding's available

Copy

9 responses



PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

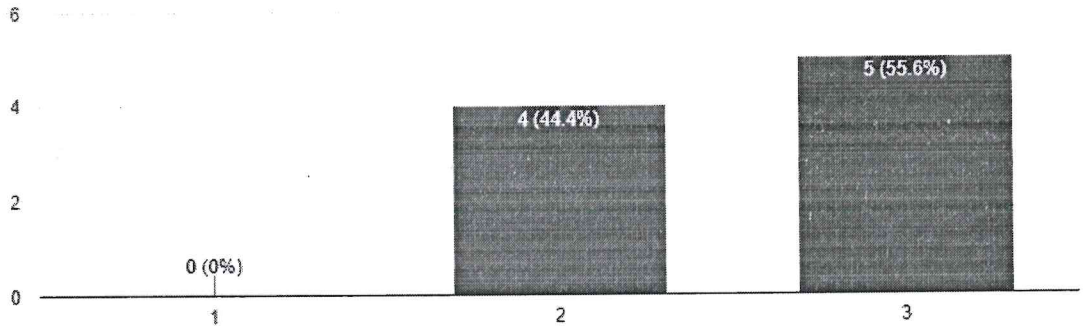
Women Cell –SAKHI, AIT

ACHARYA

Was The resource person gave adequate information

Copy

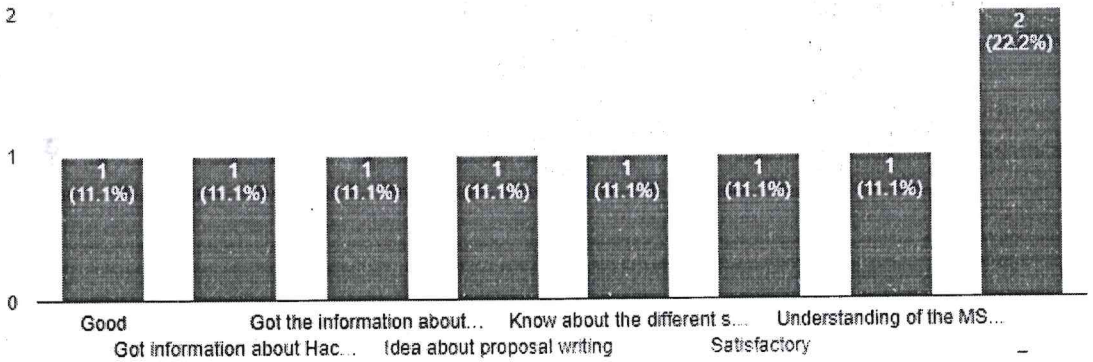
9 responses



Learning outcomes (Knowledge and Information) from the workshop

Copy

9 responses



Prepared By
Dr Nagapushpa K.P
Assistant Professor, Department of ECE

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

Industrial visit - MSME .

Acharya Institutes email

PAKKIRAPPA H <pakkirappa@acharya.ac.in>

AIT:ME:Visit:MSME Elcia

2 messages

NEWS Acharya <news@acharya.ac.in> Thu, Sep 1, 2022 at 1:26 PM
To: acharya-full@acharya.ac.in

Dear Acharyans,
Greetings for the day!

The Acharya Institute of Technology Incubation Centre in coordination with the Department of Mechanical, Mechatronic and Electrical Engineering have visited ELCIA MSME Cluster which is located in Electronic City Bengaluru, Karnataka. Third-year 50 engineering students of various disciplines visited on 23 rd August 2022(Tuesday).

From Left Prof. Shashikala A, Dr.Pakkirappa H, Dr. Shadakshari R and Dr.Aruna along with 50 Pre- final year students.

The ELCIA CLUSTER is an SPV formed by a group of ELCIA MSME's with the purpose of creating an industrial cluster under the guidelines issued by the Ministry of MSME, CDP Scheme, Govt. of India. Students have visited their Mechanical and Electronic division to understand working principles of MSME Cluster.
Students were exposed to various Electronic equipments such as LPKF Protomat, LPKF Multipress, SMT pick and place machine, Reflow Oven, X-
Ray inspection, Electro-Dynamic vibration and Environmental Test Chamber for fabrication of PCB which are used in automatic and sensor industries.
Mechanical equipment such as advanced EDM, WEDM, 3D Printer, Laser cutting machine,

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

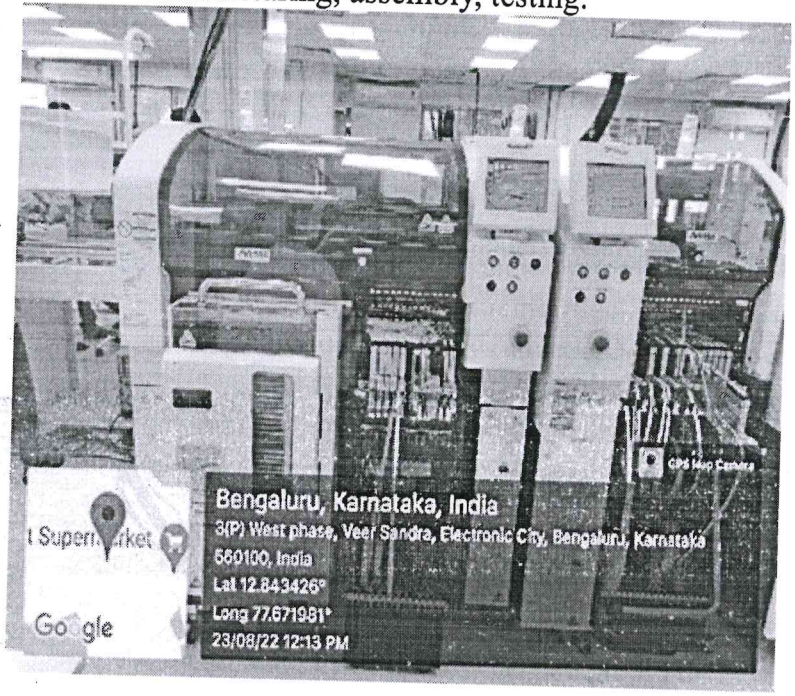
advanced grinding machines, CNC Vertical machine with 8000 spindle speed capacity, Vibration testing machine, CNC lathe machine, and handy metal composition detector machine was also explored.

Objectives of the Visit

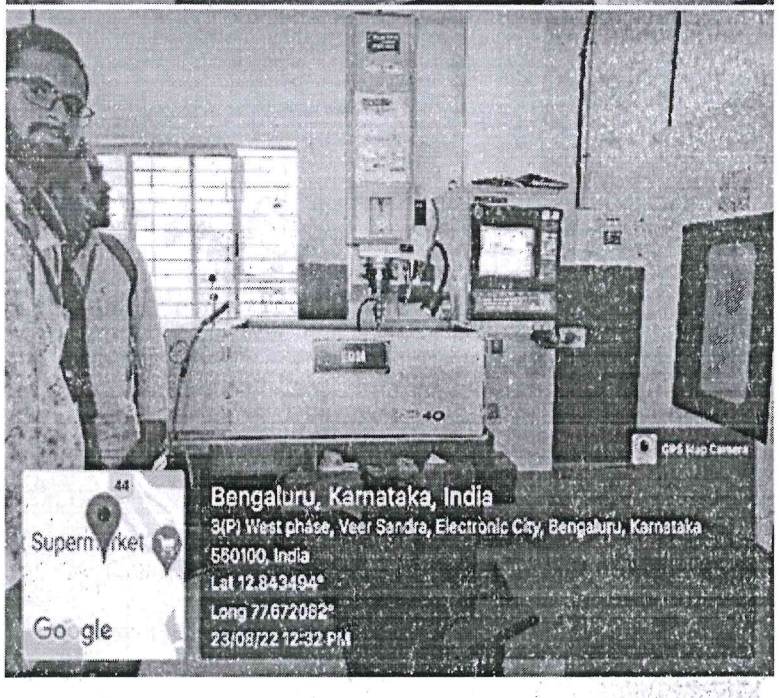
- Able to know key strategies for enhancing the productivity and competitiveness as well as capacity building of MSMEs and their collectives in the country.
- Students were able to explore advanced CNC machines.
- Explore advanced levels of research and greater levels of innovative product development.

The outcome of this visit

This visit makes them understand MSME Cluster's working and the interdisciplinary approach towards manufacturing, assembly, and the working of MSME Cluster and the interdisciplinary approach towards manufacturing, assembly, testing.



PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107



PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

--

For more updates follow us:

WHERE THE
WORLD COMES
TO LEARN
www.acharya.ac.in

ACHARYA
BENGALURU, INDIA

PAKKIRAPPA H <pakkirappa@acharya.ac.in> Sun, Sep 25, 2022 at 2:23 PM
To: Sunil Kumar A V <sunilkumarav@acharya.ac.in>

[Quoted text hidden]

PRINCIPAL
ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107