



AU-NLCIL Innovation Hub
for
Energy, Environment & Sustainability (ANIHEES)



CALL FOR PROPOSALS (2022-23)

ANIHEES is an innovation hub established through a collaborative initiative by Anna University, Chennai and Centre for Applied Research and Development (CARD), NLC India Ltd to promote entrepreneurship and innovation in the country by supporting research in manufacturing, transport, energy, health, education, agriculture, water and sanitation etc., for the benefit of the Nation and its people.

This innovation hub Invites proposals from Institutions, Researchers, Individuals, Innovators, Organisations, Start-ups, MSME, SME in the following theme areas:

- ❖ Value added product from Lignite / Power Plant Combustion Residue Materials
- ❖ Carbon Capture / Storage Technologies
- ❖ Novel binders / Catalysts / Additives for Briquetting, Blending etc.
- ❖ Novel Materials for Mining / Power Plant Machineries
- ❖ Flue Gas Purification / Cleaning Modules / Utilisation of CO₂ / SO₂ / Water Vapour, Chemical Products, Waste Heat Recovery System, etc.
- ❖ Hydrogen - Synthesis from Renewable energy sources / Storage / Combustion
- ❖ Novel Space Cooling System / Polygeneration system
- ❖ Hi-Tech Drone Applications for Mining / Agriculture
- ❖ Emerging Technologies for Inspection & Servicing / Troubleshooting in Hazardous Environment.

Any other areas of mutual interest on the identified theme - ANIHEES may also support other new, creative, innovative and original proposals in areas have a direct bearing on Energy, Environment and Sustainability, subject to approval.

ELIGIBILITY CRITERIA

1. Any innovators/individuals from public (Citizen of India) - registered entity can participate in the Innovation Incubation activity leading to start-up.
2. Any innovators /individuals from Government / CPSE/ Institutions / Research centres/ Approved incubation centres with NOC. In addition, projects initiated by one or more members of the academic staff/students and alumni of the Anna University (UD & Affiliated Colleges) with a view to trying out a novel

technological idea for up-gradation to a commercial proposition, scaling up a laboratory concept into prototype, and setting up a technology business enterprise.

3. MSMEs/SMEs entity having turnover less than 25 crores and having innovation aspiration/ having innovative concepts with a view to trying out a novel technological idea for up-gradation to a commercial proposition, scaling up a laboratory concept into prototype and setting up a technology business enterprise.
4. Any innovators from private organizations/ Industry/ Institution/ research & services/ marketing having registered in India with the eligibility criteria can also participate in the ANIHEES activity. The person has to obtain NOC from the Institution/organization and should have a minimum fund contribution of not less than 25% on the total outlay.
5. Applicant must be a Diploma / graduate in science / Engineering / Technology. New Innovators / Incubatees should have minimum 3 - 5 members, with the age limit below 45 years, as a group associated with an entity.

**The entity should not have been blacklisted by any Governmental Entity or any Incubation Centre. The Promoter(s) should not have any criminal case pending in any Court of Law in India.*

MODE OF EVALUATION

1. Existing Original Solution / IP / Capability of the entity in the related areas.
2. Fitment of the proposed solution to the themes listed.
3. Team credentials and Execution strength.
4. Financial strength including cost Effectiveness of innovation.
5. Global / Indian recognition of repute.
6. Any customer implementations and references will help significantly.

Please send the proposal as per the format enclosed to 'aniheescoordinator@gmail.com' on or before **06th May, 2022.**

**Dr. V. Kumaresan,
Coordinator – ANIHEES,
Anna University, Chennai - 600 025.**

For any queries, contact:

Phone : 044 – 2235 7590, 7964 (9.00 AM – 5.00 PM)

Email : aniheescoordinator@gmail.com



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Format for Innovative Project Proposal		
1	Name of the entity / Innovator	
2	Type of Entity (Private Ltd. / Proprietorship / Partnership/ LLP) (OR) For individual innovator, probable date of registration	
3	Name(s) of Directors / Promoters / Partners / Innovators	
4	Contact Person	
5	Contact Mobile Number	
6	Email	
7	Website (if any)	
8	Title of the Innovation	
9	Brief description of the innovation (Not exceeding Two pages with schematics, if any)	

Declaration

I hereby declare that the above provided information is true to the best of my knowledge and I would abide by the rules of 'ANIHEES'. I understand that the selection/rejection of the proposal is left to the sole discretion of the selection committee without assigning any reasons to the decision. I will abide by the selection committee's decision. I declare that no criminal case is pending against any of the promoters (or equivalent) in any Court of Law in India and the entity is not blacklisted by any Governmental Entity or any Incubation Centre.

Date :

Place : **(Signature with date and name)**

Entity Name:

Note: The scanned copy of the proposal complete in all respects should be sent to aniheescoordinator@gmail.com on or before **06.05.2022.**