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ACU Start-up Assistance Policy for Low-Carbon and Sustainable Technologies

Issued by: Office of Innovation, Incubation and Entrepreneurship Development Cell (IIEDC),
Adichunchanagiri University

Effective from: Feb. 02, 2024

Approved by: Hon'ble Vice-Chancellor, Adichunchanagiri University

1. Preamble

Adichunchanagiri University (ACU) recognizes its responsibility to advance sustainable development and contribute to the national transition toward a low-carbon economy. In alignment with the National Innovation and Start-up Policy (NISP) and the United Nations Sustainable Development Goals (SDGs), particularly SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action), the University establishes this policy to promote innovation, incubation, and entrepreneurship in renewable energy, clean technology, and carbon-reducing innovations.

2. Vision

To position Adichunchanagiri University as a regional leader in low-carbon innovation, fostering start-ups and enterprises that advance clean, efficient, and sustainable technologies for societal benefit.

3. Objectives

1. To encourage and support student and faculty-led start-ups in renewable and low-carbon technologies.
2. To create a supportive ecosystem through incubation, mentorship, and financial assistance for green innovations.
3. To integrate sustainability and carbon-conscious innovation into the academic and research environment.
4. To strengthen partnerships between academia, industry, and government for promoting low-carbon entrepreneurship.

4. Scope

This policy applies to all:



- Students, faculty, and researchers of Adichunchanagiri University and its constituent colleges (Medical, Pharmacy, Engineering, and Allied Health Sciences).
- Start-ups incubated under the Adichunchanagiri Centre for Entrepreneurs (ACE) or associated incubation facilities.

5. Strategic Focus Areas

ACU will prioritize start-ups and innovations in:

- Renewable and clean energy (solar, wind, hydro, biomass, biogas).
- Energy-efficient processes and devices.
- Carbon capture, utilization, and storage (CCUS).
- Green chemistry and eco-friendly pharmaceutical manufacturing.
- Waste-to-energy and sustainable resource management.
- Green building materials and smart energy systems.
- Electric mobility and battery recycling technologies.

6. Policy Provisions

6.1. Institutional Support

- Provide workspace, laboratory access, and prototyping facilities at the Adichunchanagiri Centre for Entrepreneurs (ACE).
- Facilitate interdisciplinary collaboration among engineering, pharmacy, and medical faculties for low-carbon technology development.
- Organize innovation challenges and hackathons focused on clean energy and climate technology.

6.2. Financial and Technical Assistance

- Offer seed funding or pre-incubation grants for early-stage low-carbon start-ups.
- Support applications to government schemes (DST, DBT, BIRAC, AICTE, MSME) and CSR initiatives for renewable energy innovation.
- Provide technical mentorship and expert guidance in sustainable technology development and regulatory compliance.

6.3. Industry and Community Linkages

- Build partnerships with renewable energy companies, industry associations, and government agencies for technology transfer and pilot projects.
- Promote community-level clean energy entrepreneurship through extension and outreach programs in nearby rural areas.

6.4. Academic Integration



- Incorporate low-carbon innovation modules in engineering, pharmacy, and management curricula.
- Encourage students to undertake capstone projects or dissertations addressing renewable and sustainable technologies.

6.5. Recognition and Incentives

- Annual ACU Low-Carbon Innovation Awards to recognize impactful projects.
- Provide credit-based incentives or recognition certificates for student innovators and mentors.
- Facilitate patent filing and commercialization of technologies emerging from low-carbon start-ups.

7. Monitoring and Evaluation

The policy will be monitored by the University Innovation & Start-up Council (UISC), chaired by the Vice-Chancellor, with members from ACE, IIEDC, and academic deans.

Annual reports will track:

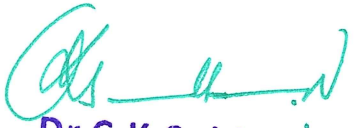
- Number of start-ups supported under the policy.
- Funding disbursed and partnerships established.
- Carbon-reduction or sustainability impact achieved by the start-ups.

8. Review and Amendment

This policy shall be reviewed every three years or earlier if required, based on feedback and evolving sustainability priorities.

9. Conclusion

By implementing this policy, Adichunchanagiri University reaffirms its commitment to environmental stewardship and entrepreneurship. Through innovation, research, and collaboration, ACU aims to nurture a generation of leaders who drive India's transition to a sustainable, low-carbon future.


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