

BAPATLA ENGINEERING COLLEGE
INNOVATION, START-UP & ENTREPRENEURSHIP POLICY



BAPATLA ENGINEERING COLLEGE
(AUTONOMOUS)
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Vision

To promote Creative thoughts, Innovative ideas, and Entrepreneurship mind set in budding engineers by creating a dynamic and sustainable ecosystem.

Mission

- Cultivate a culture of fearless, open and collaborative innovation within the frame work of National Innovation & Start-up Policy-2019.
- Develop a work culture based on justice, equality, ethics & performance driven by a policy framework.
- Encourage risk taking with adoption of risk mitigation plans.
- Establish an equity partnership with the incubator to create a win-win situation. Collaborate with excellent marketing and technology experts and bring them to the platform through awareness, training, coaching and mentoring programs.
- Establish strong and active partnerships with local industry partners and provide excellent infrastructure, consultation and investment support.

Objectives

- To identify the innovative and creative ideas.
- To educate fresh entrepreneurs by providing information and knowledge.
- To support facilities for incubate start-ups.
- To collaborate with industry, business and private organisations.
- To rise the nearness of various stakeholders for startup development.

Short-term Strategies

- Build awareness to students and faculties with innovation and entrepreneurial skills.
- Number of start-ups created, support system provided at the institutional level.
- Developing critical skills on new business ideas.
- Establish a good and healthy student-faculty-Industry Interaction.
- Innovation Ambassadors activities to be strengthened.
- Number of research studies related to entrepreneurship conducted.



Long-term Strategies

- Innovation, Pre-incubation, Incubation and start-up services on the campus.
- Maximize number of IPR/Innovations for commercialization.
- Encourage more number of students and faculty in the I&E eco system.
- Develop an eco-system with a systematic flow of activities from Ideation to sustainable business model from the institute.

Preamble

The students of engineering while learning the engineering design and product technology become very creative and develop many innovative ideas. Most of the times, many students do not express them due to lack of encouragement, guidance, and appreciation. Once they join the jobs, most of the students put aside these ideas and fell into the routine cyclic work life.

Bapatla Engineering College (BEC) recognizes this bursting creativity and innovative ideas of students and wishes to nurture them to further develop their ideas and realize into products which may lead to entrepreneurship and startups.

Policy

BEC proactively encourages the innovation, incubation and entrepreneurship activities. The policy is

- To provide facilities for innovation, incubation, and entrepreneurship.
- To conduct activities to stimulate creative ideas among students on manufacturing, service and social issues/problems.
- To nurture the students to develop their ideas, to incubate, and to realize the product or service.
- To assist the entrepreneurs in establishing start-ups.
- To offer diploma/certificate programs on Innovation and Entrepreneurship.
- To offer part time/full time Post Graduate Diploma in Entrepreneurship Management (PGDM).
- To offer incentives/awards to the students and staff for their CIIE achievements.



Procedure

The college invites successful entrepreneurs as mentors to the students for incubation, and startups.

- Student Clubs are formed for innovation in various diverse fields such as sustainability development, IOT, lean manufacturing, etc.,
- The College organizes idea workshops, entrepreneurship workshops every year. They include Brain Storming
 - Idea Generation
 - Idea to venture
 - Entrepreneurship
 - Methods such as Design thinking/Blue ocean/Business models
 - Discussion on the existing problems (collected from the industry or from individual experiences)
 - Open innovation Challenges.
- The students' ideas are analysed by experts in the workshops and feasible ideas are listed.
- Internal and external mentors are assigned to the students or groups of students selected
- The students are provided guidance to conduct User Needs survey
- Draw Action Plan on the short listed ideas
 - By making a priority list
 - Forming the teams
 - Setting schedule and targets
 - Define Key Performance indicators (KPIs) and parameters
 - Preparing the monitoring schedule
 - Preparing the Schedule for revised plan implementation.

The students develop the idea under guidance and design the product/service.

The students use the incubator facilities in the College to develop their design into a product. If necessary, industry help is taken to provide facilities for incubation of the ideas



- The College establishes the Incubation cum Technology Commercialization Unit (ITCU) as per the guidelines of the AICTE-MIC.
- Once the prototype model is developed, the team prepares the report on the new technology that includes the commercial applications of the technology/product/ service.
- The team undertakes MOU with the College and other stakeholders based on the College Intellectual Property Policy (IPR).
- The college encourages assists the team to patent the technology and to go for a start-ups.
- The College organizes the Start-up conclave inviting the prospective entrepreneurs with in the college and outside and by inviting venture capitalists and other funding agencies including government organizations.
- The team may decide not to establish a start-up and to sell the technology to existing or new entrepreneurs.
- The terms and conditions of establishing a startup is subjected to the approval of the Governing Body, Bapatla Engineering College.



Principal
Bapatla Engineering College
BAPATLA

