



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



Entrepreneurship
Development
Institute of India



NewGen IEDC

New Generation Innovation and Entrepreneurship Development Centre

NewGen IEDC

Objectives

- To inculcate spirit of innovation and entrepreneurship among students.
- To support innovative projects of students by providing them prototyping funding.
- To encourage creation of start-ups through guidance and mentorship.
- To provide fabrication support services and mentorship for building advanced level prototypes.
- To promote innovation driven entrepreneurship culture in the region.

Prototyping funding support of

INR 2.5 Lacs

per project is available

Website: newgeniedc.chitkara.edu.in

Our HandShake Program

- Opportunity for techno-entrepreneurs in the region to use our support services.
- Platform for innovation-driven business incubators and E-cells to collaborate with NewGen IEDC.

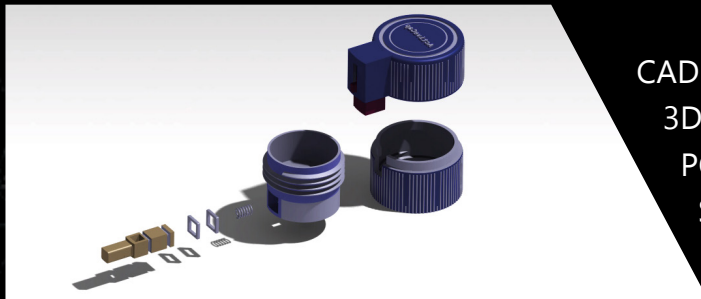
Are you finding it HARD -

1. To give shape to your ideas?
2. To make prototypes of your designs and to test them?
3. To get cost efficient technical, lab and tools support?
4. To get the IPR support in order to protect your ideas/inventions?

We are one-stop facility for all these requirements.

Our Services

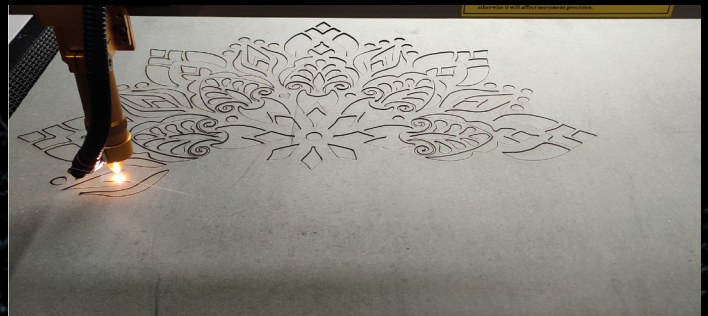
Design and Software Support



CAD Design
3D Modeling and Animation
PCB Designing
Software Tools Support and Mentoring

Fabrication and Rapid Prototyping

- 3D Printing
- Laser Cutting
- CNCs
- Power & Hand Tools
- PCB Manufacturing
- Components Support



Advanced Instrumentation Support

Chitkara University Central Instrumentation Facility (CUCIF) is known for its consultancy services to the scientific industries and research communities. Wide range of test and measurement instruments are available to validate results/outcomes of experiments with great precision.

**Central
Instrumentation
Facility**



Intellectual Property (IP) Services

- IPR Awareness Programs
- Prior Art and Patent Application Drafting
- Patent Filing Support
- Industrial Design Registration Support



Students/research scholars/academicians from different institutions in the region, as well as technology driven start-ups may use these services at very competitive rates. Please write to cuiedc@chitkara.edu.in

Events and Activities

Chitkara University NewGen IEDC organizes a lot of events including hackathons, competitions, hands-on workshops and invited talks by industry professionals with an objective to give a push to student innovators to come up with interesting project ideas that can be provided prototyping funding.

Annual Flagship Event

NOVATE+ National Exposition of Innovations, Open to Innovators from all over the Country.



Other Events



Hands-on Workshops

Invited Talks by Industry Experts



Get-together cum Sensitization Session with Different Departments of the University



Collaborated with Punjab Innovation and Technology Summit Organized by Govt. of Punjab



Annual Progress Presentations of NewGen IEDC Sanctioned Projects

Chitkara University NewGen IEDC Dashboard

(Till August 2021)

Total Funding Sanctioned (for 5 Years)	INR 28,700,000
Expenditure Made (in 2 Years)	INR 10,802,846
Number of Projects Sanctioned	72
Number of Direct Beneficiaries (Students)	179
Projects Completed	26
Number of Patents Filed	18
Number of Companies Set-up	7

Glimpses of Some of the Completed Projects



Learn-o-Little – AR based learning kit for Kindergarten students



Briltab Edukit – Braille based educational kit for visually impaired children



Bhugoal - Smart weather monitoring



IntelLights - 3D smart traffic lights



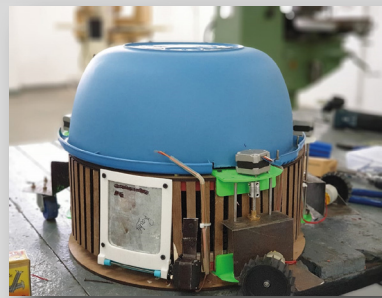
Video Laryngoscope



PregAura - Smart non-contact distant maternal care for pregnant women



Grains and Paddy Drier



Pied Piper - Complete human touch free mouse trap device

Start-ups through NewGen IEDC Projects

ACTIVE WTR



About Chitkara University NewGen IEDC

NewGen IEDC is New Generation Innovation and Entrepreneurship Development Centre set-up by Department of Science and Technology (DST), Government of India to promote knowledge based and technology driven start-ups by harnessing young minds and their innovation potential in an academic environment.

CONTACT

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visit website