



Dayananda Sagar University

School of Engineering

Bangalore – 560068, Karnataka, India

Department of Computer Science & Technology



Best practices successfully implemented by the Department of Computer Science & Technology

Best Practice – I

Title: Innovation Patent Drafting and Startup

Ideation, Design Registration and Patent drafting leading to start-ups.

Objectives:

1. Discussion and evolving of patentable idea/ proposals from undergraduates.
2. Idea generation, brainstorming and prototyping.
3. Patent drafting and filing.
4. IPR and Startup initiation for registering.

Context:

CST curriculum is designed to achieve a dual career path towards potential job roles and innovation, technology & entrepreneurship. The Value-Added Courses are basics with respect to the curriculum but that only will not suffice. CST goal is achieved by conducting Design Thinking and Ideation workshops which helps students to come up with potential problem statements and solutions. Then another value-added course will validate & verify the problem statement and solution for effectiveness toward human well-being. This leads to patent building & Intellectual Properties creation for our students as part of the CST program as well as the start-up registration.

Lean Start-up Methodologies, Product Development along with Small E-Business Launch are the courses that students will undergo as part of the curriculum wherein they will be going through their field experience in identifying real-life problems & testing the solutions for the same.

Innovation Patent Drafting and Startup best practice helps the students to

Practice:

CST is practicing this best practice starting from 2nd year onwards, starting with a Design registration workshop followed by Patent drafting workshop and registering the startups.

Evidence of success:



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1. Students have drafted patents after identifying the real-life problem and successfully published their patent ideas. Proofs are attached along with this document.
2. Students have successfully registered their start-ups after going through the Innovation Patent Drafting and Startup workshops.
3. Students have successfully completed the field projects as well as real-life problem-based projects.

“Design thinking for Entrepreneurship” workshop:



INSTITUTION'S INNOVATION COUNCIL
DAYANANDA SAGAR UNIVERSITY
Hosur road, Kudlu gate, Bengaluru - 560068, Karnataka, India
Workshop on



“Design Thinking for Entrepreneurs”

on 27th January 2022.
Organized by
Department of Computer Science & Technology in Association with **AIC-DSU & Institution's Innovation Council –DSU.**



Keynote Speaker: GhanaShayam, Founder - @edlerhub | India Program Manager - @uifellows
| Design Sprint Master | Google for Start-ups Accelerator Mentor | Intel Software Innovator

Registration Link: <https://forms.gle/kTMbRWEa2XThdYm86>
Zoom link : <https://zoom.us/j/93303834573>
Time- 10.30 am – 12.30pm, 27nd Jan 2022

Organizer Dr. M Shahina Parveen Chairperson – CST Dept, DSU, Bangalore e-mail: chairman-ct@dsu.edu.in	Dr. M K Banga Dean - Research, Convener, AIC-DSU Bangalore	Vinod Shankar CEO,AIC-DSU Foundation Bengaluru.	Dr. A Srinivas Dean Engineering-DSU, Bangalore
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“Innovation, Patent Drafting and Start-ups” workshop:



DAYANANDA SAGAR UNIVERSITY
SCHOOL OF ENGINEERING
Department of Computer Science & Technology
Organized
2-Days Workshop on
Innovation, Patent Drafting and Start-ups
Resource Person: **Dr. Phani Kumar Pallela**
Professor, School of Computer Science & Engineering, RVCE
Date: 27th -28th September 2022



Faculty Organizers Prof. Baskar Venugopalan Prof. Swetha Patil Prof. Suparna H S Prof. Ramandeep Kaur	Chairperson Dr. M Shahina Parveen Professor, Department of Computer Science & Technology, DSU	Convenor Dr. Uday Kumar Reddy K R Dean, SoE, DSU Dr. M Shahina Parveen Dept of CST
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“Design Filing & Registration” workshop:

Dayananda Sagar University

Kalpna Club

Workshop on
"Design Filing & Registration"

Design Registration

organized by
Department of Computer Science & Technology
in association with
Kalpana Club

Resource person

Dr. M Shahina Parveen
Professor & Chairperson
CST Department

Students will be able to innovate and
file design patents

Organizers:
Prof. Ramandeep Kaur
Prof. Swetha Patil

Date : 28th March 2022
Time : 1:45 PM to 4:45 PM

Venue : Gallery Hall 2

List of projects done by students

Student Name & USN	Project Title
ENG20CT0004 - ANISAH MANIKYA WAINAH ENG20CT0011 - DIVYASHREE M HEBBAR ENG20CT0017 - POORNASHREE PRIYANKA K ENG20CT0022 - RUCHI SINGHAL	LYNK This project is also submitted for Corporate Social Responsibility initiatives
ENG20CT0002 - Abhijeet Sahoo ENG20CT0001 - Abhas Agnihotri ENG20CT0006 - Ayush Mishra ENG20CT0027 - Shubham Raj Kashyap	ScoopyWoo
ENG20CT0016 - Nihal Prasad NB ENG20CT0019 - R Punith Raj ENG20CT0020 - R Shushank ENG20CT0029 - Vaibhav S - ENG20CT0013 - Manogna Yargal	U NAIL This project has won “Product Launch and e-poster Making competition”
ENG19CT0011 - Gaurav Gupta	GENIESPEAKS



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ENG19CT0021 - Nandan Pai ENG19CT0024 - Shivansh Pandey	
ENG19CT00016 - Kevin Henry ENG19CT0034 - Saumya Anand ENG19CT0041 - Suchitra Swain	AR Weather Application
ENG19CT0028 - Rahul K P ENG19CT0004 - Amitash M S ENG19CT0042 - Sumedh Hagaldivte ENG19CT0030 S - Adnan Mohamed	Ambulance Path Clearance
ENG21CT0038 - SOHANA R ENG21CT0028 - NIHARIKA R	GROW TO GLOW
ENG21CT0032 - R Keertish Kumar ENG21CT0035 - S A Sharan Veronica ENG21CT0042 - Swathi B	Android game
ENG21CT0027 - NANDITHA N ENG21CT0020 - M ESHA REDDY	AUTHENTIC FABRICS
ENG21CT0010 - Hemant Sudarshan Balivada	DiaBeatify

List of patents published by students

1) Published a patent on “**A System and Method for Enabling Logistics Tracker**”

with application number 202241068773.

Inventors (Keerthi A Reddy, Shreyas B U)

2) Published a patent on “**A System and Method for Enabling Senior World**” with application number 202241068774.

Inventors (Sohan R Vernekar, Sai Skanda Saravanan)

3) Published a patent on “**A System and Method for Enabling SAAS Analysis Tool for Big Data**” with application number 202241068432.

Inventors (Adnan Md. Syed, Shashikala M S)

4) Published a patent on “**A System and Method for Enabling MOMIX Platform**” with application number 202241068431.

Inventors (Prajwal Mishra, Abhas Agnihotri)

5) Published a patent on “**A System and Method for Enabling Arthritis Information Platform**” with application number 202241068433.



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Inventors (Tharun Ganesh Naidu, Deepak Boppana Giri, Mucharla Nikhil Guptha)

6) Published a patent on **“A System and Method for Enabling Upskilling Platform”** with application number 202241068048.

7) Published a patent on **“A System and Method for Enabling Agri Commerce”** with application number 202241068049.

Inventors (R Punith Raj, Nihal Prasad R B)

8) Published a patent on **“A System and Method for Enabling Memory Triggering AR/VR”** with application number 202241068028.

9) Published a patent on **“A System and Method for Enabling Hassel Free Senior Assistance”** with application number 202241068030.

10) Published a patent on **“A System and Method for Enabling Funding Community for Farmers”** with application number 202241068034.

11) Published a patent on **“A system for providing security using a plurality of factors for IoT gadgets”** with application number 202341040746

Student Start-ups