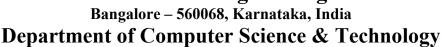


School of Engineering





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

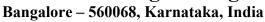
Practice:

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:



School of Engineering

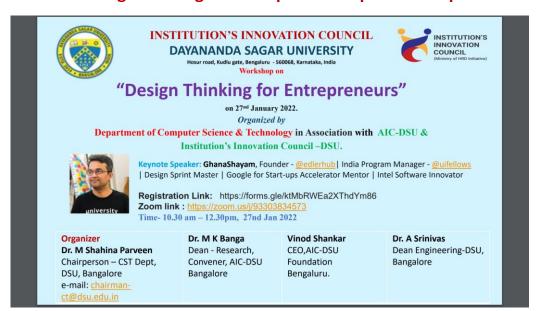


Department of Computer Science & Technology



- 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:

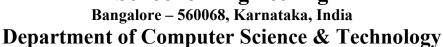


"Innovation, Patent Drafting and Start-ups" workshop:





School of Engineering





"Design Filing & Registration" workshop:



List of projects done by students

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



School of Engineering



Bangalore – 560068, Karnataka, India Department of Computer Science & Technology

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

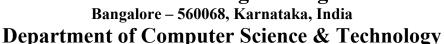
with application number 202241068431.

Inventors (Prajjwal Mishra, Abhas Agnihotri)

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



School of Engineering





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