

Best Practices of the Institution

Best Practice - 1

1. Title of the Practice:

Nurturing students to do Projects in accordance with Sustainable Development Goals (SDG)

2. Objectives of the Practice

- To achieve a better and promising future for all students
- To improve quality in the teaching-learning process
- To enhance quality in UG and PG projects
- To publish papers in refereed International/ National journals and conferences
- To undertake collaborative projects and consultancy for long term interaction with the academia and industry
- To attain IPRs
- To get research projects from several funding agencies

3. The Context

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by the United Nations in 2015 as a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity. The Sustainable Development Goals are the blueprint to achieve a better and more promising future for all. They address the global challenges we face, including poverty, inequality, climate change, environmental degradation, peace, and justice. The 17 Sustainable Development Goals are Eliminate Poverty, Erase Hunger Establish Good Health and Well Being, Provide Quality Education, Enforce Gender Equality, Improve Clean Water and Sanitation, Grow Affordable and Clean Energy, Create Decent Work and Economic Growth, Increase Industry, Innovation, and Infrastructure, Reduce Inequality, Mobilize Sustainable Cities and Communities, Influence Responsible Consumption and Production, Organize Climate Action, Develop Life Below Water, Advance Life on Land, Peace, Justice and Strong Institutions, Build Partnerships for the Goals

4. The Practice

The 17 Sustainable Development Goals helps to improve the better world and living standards. Educating about these goals at college is the most important thing to attain fruitful development. To create awareness about these goals we takes an intense

effort and guidance to the students to implement their projects under these goals for environmental development and uplift people living. Every project is developed in aligned with SDG and Projects are uniquely identified by assigning Project Id based on SDG. The various projects are based on Immunization, Malnourished children, Protection from disease and disability, cognitive development, clean water and sanitization, Affordable and environmentally friendly clean energy. To promote SDG,

- Projects which benefit the people are appreciated and implemented in real-time.
- Providing Financial assistance for applying patent rights for further recognition
- Financial incentives like paying registration fee for publications in journals and conferences and TA/DA for presentation of technical papers in various International conferences.
- Providing high end computing facilities, with internet, Wi-Fi, and other facilities.

5. Evidence of Success

Owing to the hard work done by the students members of faculty, the following achievements have taken place in the Organization

- Encompass an awareness among Students community about need of SDG
- All Projects are developed in align with SDG
- Students publications and Patents have increased and quality of student projects, both UG and PG, has been enhanced.

6. Problems Encountered and Resources Required

- Trying to inculcate the habit of developing project among students needs more sessions and awareness program
- Experts from different field to give exposure about various Research opportunities.

Best Practice - 2

1. Title of the Practice

Fostering revolutionary ideas and innovation with ideathon.

2. Objectives of the Practice

- to open up their inquisitive minds
- To inculcate design thinking and innovative learning practices
- To enhance communication and negotiations skills
- To imbibe human values and professional ethics
- To train with planning and execution skills

3. The Context

As most of us would have heard, everything begins with an idea. Ideas revolve around us everywhere especially in the young minds. But most of the time we fail to bring out the ideas and present it to the world and the future generation. Platforms like Ideathon competition in colleges and universities makes a great arena for the students to help themselves come out of their small cocoon and present their views and solutions on the problems faced by the world.

4. The Practice

Our college has initiated this competition called the “IDEATHON” which aims at bringing out the right potential of the students allowing them to open up their inquisitive minds. Most importantly this competition has helped the students to think a lot on the ongoing issues in the industry and come up with feasible solutions. Participants work in teams and use design thinking and innovative learning practices to ideate and collaborate on possible solutions. The benefits of participating in ideathon are building up leadership qualities, teamwork, learning experience out of classroom, being mentored by seniors and faculties etc.

5. Evidence of Success

The innovative program students and faculty resulted in the following achievements in the organization

- Projects are converted into Product

- Patentable product count has been increased
- Established Startups and Incubation center by students
- Many students are able to secure jobs through campus placements
- Few of the students became entrepreneurs and turned out to be job providers

6. Problems Encountered and Resources Required

- Experts guidance From Industry
- Financial Assistance
- Govt policy for startups

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